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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,868,895

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,868,895

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1708***
	For each additional sheet over 30	**$19**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1708 $***
	Pour chaque feuille au delà de 30	**19 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 14, 2018 contains applications open to public inspection from July 29, 2018 to August 4, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 14 août 2018 contient les demandes disponibles au public pour consultation pour la période du 29 juillet 2018 au 4 août 2018.

Canadian Patents Issued

August 14, 2018

Brevets canadiens délivrés

14 août 2018

[11] **2,483,595**
[13] C
[51] **Int.Cl. H04W 4/06 (2009.01) H04H 20/57 (2008.01) H04H 20/71 (2008.01) H04H 60/91 (2008.01)**
[25] EN
[54] **POINT TO MULTI-POINT SERVICES USING SHARED CHANNELS IN WIRELESS COMMUNICATION SYSTEMS**
[54] **SERVICES POINT-MULTI-POINT FAISANT APPEL A DES CANAUX PARTAGES DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] TERRY, STEPHEN E., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2004-11-01
[86] 2003-04-30 (PCT/US2003/013427)
[87] (WO2003/094550)
[30] US (60/377,037) 2002-05-01

[11] **2,506,555**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 40/08 (2012.01)**
[25] EN
[54] **A SYSTEM AND PROCESS FOR ELECTRONIC SUBROGATION, INTER-ORGANIZATION WORKFLOW MANAGEMENT, INTER-ORGANIZATION TRANSACTION PROCESSING AND OPTIMIZED WEB-BASED USER INTERACTION**
[54] **SYSTEME ET PROCEDE DE SUBROGATION ELECTRONIQUE, DE GESTION DU DEROULEMENT DU TRAVAIL ENTRE ORGANISATIONS, DE TRAITEMENT DES TRANSACTIONS ENTRE ORGANISATIONS, ET D'INTERACTION DES UTILISATEURS SUR LE WEB**
[72] FALK, ROBERT J., US
[72] RADI, RICHARD J., US
[73] ARBITRATION FORUMS, INC., US
[85] 2005-05-06
[86] 2003-11-07 (PCT/US2003/035631)
[87] (WO2004/044696)
[30] US (60/425,058) 2002-11-08
[30] US (60/425,670) 2002-11-12

[11] **2,597,782**
[13] C
[51] **Int.Cl. A61B 5/15 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EXTRACTING AND ANALYZING A BODILY FLUID**
[54] **PROCEDES ET APPAREIL POUR L'EXTRACTION ET L'ANALYSE D'UN LIQUIDE ORGANIQUE**
[72] CALLICOAT, DAVID N., US
[72] GABLE, JENNIFER H., US
[72] BRAIG, JAMES R., US
[72] LI, KENNETH L., US
[72] WITTE, KENNETH G., US
[72] WECHSLER, MARK, US
[72] ZHENG, PENG, US
[72] RULE, PETER, US
[72] KEENAN, RICHARD, US
[72] KING, RICHARD A., US
[73] OPTISCAN BIOMEDICAL CORPORATION, US
[85] 2007-08-13
[86] 2006-02-13 (PCT/US2006/005112)
[87] (WO2006/091426)
[30] US (60/652,660) 2005-02-14
[30] US (60/658,001) 2005-03-02
[30] US (60/673,551) 2005-04-21
[30] US (60/724,199) 2005-10-06
[30] US (11/314,964) 2005-12-21
[30] US (11/314,748) 2005-12-21
[30] US (11/316,685) 2005-12-21
[30] US (11/314,963) 2005-12-21
[30] US (11/316,672) 2005-12-21
[30] US (11/316,701) 2005-12-21
[30] US (11/316,676) 2005-12-21

[11] 2,598,512
[13] C
[51] **Int.Cl. A61F 9/00 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **MICROIMPLANTS FOR OCULAR ADMINISTRATION**
[54] **MICRO-IMPLANTS POUR UNE ADMINISTRATION OCULAIRE**
[72] NIVAGGIOLI, THIERRY, US
[72] WEBER, DAVID A., US
[73] ALLERGAN, INC., US
[85] 2007-08-20
[86] 2006-02-22 (PCT/US2006/006279)
[87] (WO2006/093758)
[30] US (11/070,158) 2005-03-01

---

[11] 2,602,108
[13] C
[51] **Int.Cl. C12N 1/00 (2006.01) A61K 35/74 (2015.01) A61P 31/04 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SKIN TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DESTINEES AU TRAITEMENT DE LA PEAU**
[72] TAGG, JOHN ROBERT, NZ
[72] CHILCOTT, CHRISTOPHER NORMAN, NZ
[72] ALQUMBER, MOHAMMED ABDULLAH ALI, NZ
[73] BLIS TECHNOLOGIES LIMITED, NZ
[85] 2007-09-25
[86] 2006-03-29 (PCT/NZ2006/000060)
[87] (WO2006/104403)
[30] NZ (539076) 2005-03-29

---

[11] 2,625,052
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01J 19/30 (2006.01)**
[25] EN
[54] **HIGH VOLUME, LOW BACK-PRESSURE GAS SCRUBBER**
[54] **EPURATEUR DE GAZ A GRAND DEBIT ET FAIBLE CONTRE-PRESSION**
[72] SABOE, DENNIS, CA
[73] SABOE, DENNIS, CA
[86] (2625052)
[87] (2625052)
[22] 2008-03-10
[30] US (60893881) 2007-03-08

---

[11] 2,638,767
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 4/00 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT EGG CELL TRANSCRIPTIONAL CONTROL SEQUENCES**
[54] **SEQUENCES DE CONTROLE TRANSCRIPTIONNEL DE CELLULE D'OEUF DE PLANTE**
[72] SPRUNCK, STEFANIE, DE
[72] BELLMAN, BIRGIT, DE
[72] DRESSELHAUS, THOMAS, DE
[73] ADELAIDE RESEARCH & INNOVATION PTY. LTD., AU
[73] GRAINS RESEARCH & DEVELOPMENT CORPORATION, AU
[85] 2008-08-13
[86] 2007-02-13 (PCT/AU2007/000146)
[87] (WO2007/092992)
[30] AU (2006900681) 2006-02-13

---

[11] 2,649,777
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6876 (2018.01) C12Q 1/6886 (2018.01)**
[25] EN
[54] **METHODS AND NUCLEIC ACIDS FOR THE DETECTION OF COLORECTAL CELL PROLIFERATIVE DISORDERS**
[54] **PROCEDES ET ACIDES NUCLEIQUES POUR DETECTER DES TROUBLES DE PROLIFERATION DE CELLULES COLORECTALES**
[72] LOFTON-DAY, CATHERINE, US
[72] EBERT, MATTHIAS, DE
[73] EPIGENOMICS AG, DE
[85] 2008-10-17
[86] 2007-04-17 (PCT/EP2007/003380)
[87] (WO2007/118704)
[30] US (PCT/US2006/014131) 2006-04-17
[30] EP (06090119.6) 2006-06-27

---

[11] 2,664,153
[13] C
[51] **Int.Cl. F41H 5/04 (2006.01) B32B 5/28 (2006.01) B32B 7/02 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE SAME FIBER COMPOSITE HYBRIDS BY VARYING RESIN CONTENT ONLY**
[54] **HYBRIDES COMPOSITES DE FIBRES IDENTIQUES HAUTE PERFORMANCE EXCLUSIVEMENT PAR LA VARIATION DU CONTENU DE RESINE**
[72] ARVIDSON, BRIAN D., US
[72] HURST, DAVID A., US
[72] BHATNAGAR, ASHOK, US
[72] WAGNER, LORI L., US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2009-03-20
[86] 2007-09-15 (PCT/US2007/078590)
[87] (WO2008/108882)
[30] US (11/527,924) 2006-09-26

---

[11] 2,664,866
[13] C
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 31/401 (2006.01) A61L 27/24 (2006.01) A61L 27/26 (2006.01) A61L 27/38 (2006.01) A61L 27/44 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **METHODS AND COLLAGEN PRODUCTS FOR TISSUE REPAIR**
[54] **PROCEDES ET PRODUITS DE COLLAGENE POUR UNE REPARATION DE TISSU**
[72] MURRAY, MARTHA M., US
[73] CHILDREN'S MEDICAL CENTER COPORATION, US
[85] 2009-03-27
[86] 2007-09-28 (PCT/US2007/021009)
[87] (WO2008/060361)
[30] US (60/847,743) 2006-09-28

[11] 2,671,652
[13] C
[51] **Int.Cl. G01B 3/10 (2006.01) G01B 1/00 (2006.01) G02B 23/16 (2006.01)**
[25] EN
[54] **TAPE WITH THERMAL DEPLOYMENT AND DEPLOYABLE STRUCTURE COMPRISING SAID TAPE**
[54] **RUBAN A DEPLOIEMENT THERMIQUE ET STRUCTURE DEPLOYABLE COMPORTANT LEDIT RUBAN**
[72] ALLEZY, ARNAUD, FR
[72] BLANCHARD, LAURENT, FR
[72] HOCHARD, CHRISTIAN, FR
[72] GUINOT, FRANCOIS, FR
[73] THALES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] L'UNIVERSITE DE PROVENCE, FR
[86] (2671652)
[87] (2671652)
[22] 2009-07-10
[30] FR (08 03986) 2008-07-11

[11] 2,677,114
[13] C
[51] **Int.Cl. A47B 96/06 (2006.01) A47B 47/00 (2006.01) A47B 57/32 (2006.01) A47B 96/14 (2006.01) A47F 5/08 (2006.01) A47G 25/06 (2006.01)**
[25] EN
[54] **SUPPORT SYSTEMS AND COMPONENTS FOR SAME**
[54] **SYSTEMES SUPPORT ET COMPOSANTS DESTINES A CEUX-CI**
[72] BOTKIN, KIRK J., US
[73] BOTKIN, KIRK J., US
[85] 2009-07-30
[86] 2008-01-31 (PCT/US2008/052691)
[87] (WO2008/095121)
[30] US (60/898,538) 2007-01-31

[11] 2,682,758
[13] C
[51] **Int.Cl. G01N 27/447 (2006.01) B01L 3/00 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **INTEGRATED NUCLEIC ACID ANALYSIS**
[54] **SYSTEME INTEGRE POUR L'ANALYSE D'ACIDES NUCLEIQUES**
[72] TAN, EUGENE, US
[72] LAM, HEUNG CHUAN, US
[72] BOGDANOV, VALERY LEONIDOVICH, US
[72] KELLOGG, GREGORY JOHN, US
[72] WRIGHT, JOHN A., US
[72] ULRICH, HANS THOMANN, US
[72] SELDEN, RICHARD F., US
[73] ANDE CORPORATION, US
[85] 2009-10-02
[86] 2008-04-04 (PCT/US2008/004462)
[87] (WO2008/124104)
[30] US (60/921,802) 2007-04-04
[30] US (60/964,502) 2007-08-13
[30] US (61/028,073) 2008-02-12

[11] 2,689,557
[13] C
[51] **Int.Cl. C12N 9/10 (2006.01) C12P 7/64 (2006.01) C12P 19/00 (2006.01) C12P 19/18 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ENGINEERED VERSIONS OF POLYSIALYLTRANSFERASES WITH ENHANCED ENZYMATIC PROPERTIES**
[54] **VERSIONS SYNTHETISEES PAR GENIE GENETIQUE DE POLYSIALYLTRANSFERASES AVEC DE MEILLEURES PROPRIETES ENZYMATIQUES**
[72] WAKARCHUK, WARREN, CA
[72] WILLIS, ELIZABETH, CA
[72] GILBERT, MICHEL, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2009-12-04
[86] 2008-06-13 (PCT/CA2008/001156)
[87] (WO2008/151448)
[30] US (60/944,391) 2007-06-15
[30] US (61/032,589) 2008-02-29

[11] 2,693,801
[13] C
[51] **Int.Cl. C07H 17/08 (2006.01)**
[25] EN
[54] **MACROLIDE SOLID-STATE FORMS**
[54] **FORMES SOLIDES DE MACROLIDES**
[72] BLATTER, FRITZ, CH
[72] BRENNER, MEINRAD, CH
[72] HU, GUIXIAN, CH
[72] RAGER, TIMO, CH
[72] WARRASS, RALF, DE
[73] INTERVET INTERNATIONAL B.V., NL
[73] MICROBIAL CHEMISTRY RESEARCH FOUNDATION, JP
[85] 2010-01-13
[86] 2008-07-25 (PCT/EP2008/059775)
[87] (WO2009/013351)
[30] EP (07113244.3) 2007-07-26

[11] 2,693,912
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/70 (2006.01)**
[25] FR
[54] **SYSTEM FOR CONTROLLED RELEASE OF AN ACTIVE PRINCIPLE AND METHOD FOR PREPARATION**
[54] **SYSTEME A LIBERATION CONTROLEE D'UN PRINCIPE ACTIF ET PROCEDE DE PREPARATION**
[72] VERT, MICHEL, FR
[72] LECLERCQ, LAURENT, FR
[72] BOUSTTA, MAHFOUD, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE DE MONTPELLIER I, FR
[85] 2010-01-15
[86] 2008-07-18 (PCT/FR2008/001066)
[87] (WO2009/037401)
[30] FR (0705187) 2007-07-18

[11] **2,695,174**
[13] C
[51] **Int.Cl. G07F 7/06 (2006.01)**
[25] EN
[54] **BOTTLED WATER DISTRIBUTION METHOD AND BOTTLE RETURN APPARATUS**
[54] **PROCEDE DE DISTRIBUTION D'EAU MINERALE ET APPAREIL DE RECYCLAGE DE BOUTEILLE**
[72] KREITZ, MICHAEL, US
[72] HOLDEN, CHRISTOPHER, US
[72] GUNTER, MICHAEL S., US
[72] BOYDSTON, BRENT C., US
[72] FULLERTON, DOUGLAS A., US
[72] PRIM, BILLY D., US
[72] WILES, ROBERT C., US
[73] PRIMO WATER OPERATIONS, INC., US
[85] 2010-01-29
[86] 2008-07-30 (PCT/US2008/009173)
[87] (WO2009/017735)
[30] US (11/881,868) 2007-07-30

---

[11] **2,698,152**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 30/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF USING TUMOUR RNA INTEGRITY TO MEASURE RESPONSE TO CHEMOTHERAPY IN CANCER PATIENTS**
[54] **PROCEDE D'UTILISATION DE L'INTEGRITE D'ARN TUMORAL POUR MESURER LA REPONSE A LA CHIMIOTHERAPIE CHEZ DES PATIENTS ATTEINTS DE CANCER**
[72] PARISSENTI, AMADEO MARK, CA
[72] GUO, BAOQING, CA
[73] LAURENTIAN UNIVERSITY, CA
[85] 2010-03-04
[86] 2008-09-05 (PCT/CA2008/001561)
[87] (WO2009/030029)
[30] US (60/935,874) 2007-09-05
[30] US (60/935,903) 2007-09-06

---

[11] **2,698,638**
[13] C
[51] **Int.Cl. C07K 14/78 (2006.01) A61L 27/24 (2006.01) A61L 27/44 (2006.01) C08L 5/00 (2006.01) C08L 89/06 (2006.01) C07K 17/10 (2006.01)**
[25] EN
[54] **BIORESORBABLE AND BIOCOMPATIBLE COMPOUNDS FOR SURGICAL USE**
[54] **COMPOSES BIORESORBABLES ET BIOCOMPATIBLES POUR UTILISATION CHIRURGICALE**
[72] GRAVAGNA, PHILIPPE, FR
[72] BAYON, YVES, FR
[72] LADET, SEBASTIEN, FR
[73] SOFRADIM PRODUCTION, FR
[85] 2010-03-05
[86] 2008-09-05 (PCT/IB2008/003107)
[87] (WO2009/031047)
[30] US (11/899,694) 2007-09-07

---

[11] **2,700,162**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) C07K 7/06 (2006.01) C07K 14/00 (2006.01) C07K 19/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **CELL-PERMEABILISING PEPTIDES AND POLYPEPTIDES FOR MICROBIAL CELLS**
[54] **POLYPEPTIDES ET PEPTIDES DE PERMEABILISATION CELLULAIRE POUR CELLULES MICROBIENNES**
[72] ATTWOOD, GRAEME TREVOR, NZ
[72] KELLY, WILLIAM JOHN, NZ
[72] ALTERMANN, ERIC HEINZ, NZ
[73] PASTORAL GREENHOUSE GAS RESEARCH LTD, NZ
[85] 2010-03-18
[86] 2008-09-25 (PCT/NZ2008/000247)
[87] (WO2009/041830)
[30] US (60/975,104) 2007-09-25
[30] US (60/989,840) 2007-11-22
[30] US (60/989,841) 2007-11-22

---

[11] **2,702,022**
[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C07C 17/08 (2006.01) C08G 18/40 (2006.01) C08J 9/04 (2006.01)**
[25] EN
[54] **NON-SILICONE SURFACTANTS FOR POLYURETHANE OR POLYISOCYANURATE FOAM CONTAINING HALOGENATED OLEFINS AS BLOWING AGENTS**
[54] **AGENTS TENSIOACTIFS NON SILICONE POUR MOUSSE DE POLYURETHANE OU DE POLYISOCYANATE CONTENANT DES OLEFINES HALOGENEES COMME AGENTS GONFLANTS**
[72] WILLIAMS, DAVID J, US
[72] VANDERPUY, MICHAEL, US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2010-04-08
[86] 2008-10-03 (PCT/US2008/078698)
[87] (WO2009/048802)
[30] US (60/979,477) 2007-10-12
[30] US (12/241,638) 2008-09-30

---

[11] **2,704,247**
[13] C
[51] **Int.Cl. E01H 4/02 (2006.01)**
[25] EN
[54] **HITCH DEVICE FOR CONNECTING A GROOMER VEHICLE AND A SKI SLOPE SNOW GROOMING IMPLEMENT, AND CONTROL METHOD EMPLOYING SUCH A HITCH DEVICE**
[54] **DISPOSITIF D'ATTELAGE PERMETTANT DE RELIER UN VEHICULE DE DAMAGE A UN OUTIL DE DAMAGE DE PISTE DE SKI, ET PROCEDE DE COMMANDE FAISANT APPEL A CE DISPOSITIF D'ATTELAGE**
[72] WAGGER, KLAUS, IT
[72] MUELLER, JAN, IT
[73] PRINOTH S.P.A., IT
[85] 2010-04-30
[86] 2008-10-29 (PCT/EP2008/064693)
[87] (WO2009/056577)
[30] IT (MI2007A002096) 2007-10-30

[11] 2,706,341
[13] C
[51] **Int.Cl. A61L 24/08 (2006.01) A61L 15/28 (2006.01) A61L 15/64 (2006.01) A61L 24/00 (2006.01) A61B 17/03 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **ADHESIVE ARTICLES**
[54] **ARTICLES ADHESIFS**
[72] KARP, JEFFREY, US
[72] ALBORZ, MAHDAVI, CA
[72] FERREIRA, LINO, US
[72] CARTER, DAVID, US
[72] ZUMBUEHL, ANDREAS, CH
[72] BORENSTEIN, JEFFREY, US
[72] CHAN, EDWIN, US
[72] BETTINGER, CHRISTOPHER, US
[72] LANGER, ROBERT, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[73] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2010-05-19
[86] 2008-11-19 (PCT/US2008/083980)
[87] (WO2009/067482)
[30] US (60/989,101) 2007-11-19

---

[11] 2,707,171
[13] C
[51] **Int.Cl. C08F 4/646 (2006.01) C08F 2/34 (2006.01) B08B 17/02 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **INCREASED RUN LENGTH IN GAS PHASE REACTORS**
[54] **DUREE D'UTILISATION ACCRUE DANS DES REACTEURS EN PHASE GAZEUSE**
[72] IATROU, JOHN, CA
[72] ZIEBART, MARK JAY, CA
[72] JENSEN, KENT, CA
[72] SHAW, BENJAMIN MILTON, CA
[72] NAGEL, DALE WARREN, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2707171)
[87] (2707171)
[22] 2010-06-07

---

[11] 2,711,944
[13] C
[51] **Int.Cl. G06F 9/445 (2018.01) G06F 8/61 (2018.01) G06F 8/65 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DEPLOYING NON-BACKWARD COMPATIBLE SERVER VERSIONS IN A CLIENT/SERVER COMPUTING ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE DEPLOIEMENT DE VERSIONS DE SERVEUR NON RETROCOMPATIBLES DANS UN ENVIRONNEMENT INFORMATIQUE CLIENT/SERVEUR**
[72] CORDESSES, JOEL, FR
[72] MONBEL, STEPHANE, FR
[72] DOR, PIERRE, FR
[72] TCHENG, CHRISTOPHE, FR
[73] AMADEUS S.A.S., FR
[85] 2010-07-12
[86] 2009-01-16 (PCT/EP2009/050471)
[87] (WO2009/092666)
[30] EP (08300042.2) 2008-01-22
[30] US (61/022,834) 2008-01-23

---

[11] 2,714,260
[13] C
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/36 (2016.01) B65D 43/00 (2006.01)**
[25] EN
[54] **SHIPPING CONTAINER INTEGRATING A SHARPS DISPOSAL CONTAINER WITH A NEW PRODUCT STORAGE CONTAINER**
[54] **CONTENEUR D'EXPEDITION INTEGRANT UN CONTENANT DE MISE AU REBUT D'AIGUILLES AVEC CONTENANT DE STOCKAGE DE NOUVEL ARTICLE**
[72] HWANG, CHARLES G., US
[72] HORVATH, JOSHUA D., US
[72] SCHLENK, CHRISTOPHER, US
[72] TUNKEL, ROMAN, US
[72] ZAVERI, ZENIA, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2714260)
[87] (2714260)
[22] 2010-09-01
[30] US (12/563,090) 2009-09-18

---

[11] 2,717,021
[13] C
[51] **Int.Cl. F03B 17/06 (2006.01) F04F 13/00 (2009.01) F03B 13/14 (2006.01) F03B 15/00 (2006.01) F03G 7/08 (2006.01) F04B 9/10 (2006.01) H02N 99/00 (2006.01)**
[25] EN
[54] **ENERGY EXTRACTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'EXTRACTION D'ENERGIE**
[72] GREY, SIMON, GB
[72] BORTHWICK, ANDREW, GB
[73] AWS OCEAN ENERGY LTD., GB
[85] 2010-08-27
[86] 2009-02-27 (PCT/GB2009/000544)
[87] (WO2009/106836)
[30] GB (0803712.9) 2008-02-28

---

[11] 2,722,088
[13] C
[51] **Int.Cl. A43B 9/12 (2006.01) A43B 5/00 (2006.01)**
[25] FR
[54] **SHOE WITH IMPROVED BOTTOM ASSEMBLY**
[54] **CHAUSSURE A SEMELAGE AMELIORE**
[72] BOREL, RENE, FR
[72] GIACOBONE, FREDERIC, FR
[73] SALOMON S.A.S., FR
[86] (2722088)
[87] (2722088)
[22] 2010-11-18
[30] FR (09.05604) 2009-11-23

[11] **2,724,473**
[13] C
[51] **Int.Cl. A01F 25/00 (2006.01) A01F 25/14 (2006.01) B65G 33/00 (2006.01) B65G 33/14 (2006.01) B65G 65/00 (2006.01) B65G 65/22 (2006.01) A01F 25/20 (2006.01)**
[25] EN
[54] **MECHANIC EXTRACTOR OF DRY GRAINS STORED IN SILAGE BAG WITH DISCHARGE ACCELERATOR**
[54] **EXTRACTEUR MECANIQUE DE GRAINS SECS STOCKES DANS UN SAC D'ENSILAGE AVEC ACCELERATEUR DE DECHARGEMENT**
[72] GAVIGLIO, ALBERTO JOSE BARTOLOME, AR
[73] MICRON FRESAR S.R.L., AR
[86] (2724473)
[87] (2724473)
[22] 2010-12-08
[30] AR (P 2010 0100916) 2010-03-22
[30] AR (P 2010 0101744) 2010-05-19

---

[11] **2,724,911**
[13] C
[51] **Int.Cl. G01N 27/416 (2006.01) G01N 33/66 (2006.01)**
[25] EN
[54] **FILL SUFFICIENCY METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MESURE DU PLEIN**
[72] RODGERS, JAMES IAIN, GB
[72] MILLS, LEANNE, GB
[72] CARDOSI, MARCO, GB
[72] LEACH, CHRIS, GB
[72] MOFFAT, JAMES, GB
[73] LIFESCAN SCOTLAND LIMITED, GB
[86] (2724911)
[87] (2724911)
[22] 2010-12-10
[30] US (61/285,916) 2009-12-11

---

[11] **2,725,064**
[13] C
[51] **Int.Cl. B61D 5/00 (2006.01)**
[25] EN
[54] **RAILROAD TANK CAR**
[54] **WAGON-CITERNE**
[72] SHIRVINSKI, JAMES, US
[72] DELACERDA, JEREMY, US
[73] UNION TANK CAR COMPANY, US
[86] (2725064)
[87] (2725064)
[22] 2010-12-13
[30] US (61/285,644) 2009-12-11

---

[11] **2,725,765**
[13] C
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23L 33/17 (2016.01)**
[25] EN
[54] **A NUTRITIONAL COMPOSITION WITH FREE AMINO ACIDS AND STRUCTURED LIPIDS**
[54] **COMPOSITION NUTRITIVE COMPORTANT DES ACIDES AMINES LIBRES ET DES LIPIDES STRUCTURES**
[72] FRAUCHIGER, MARC THIERRY, CH
[72] HASCHKE, FERDINAND, CH
[72] MAGLIOLA, CORINNE, CH
[73] NESTEC S.A., CH
[85] 2010-11-24
[86] 2009-06-17 (PCT/EP2009/057525)
[87] (WO2010/003790)
[30] EP (08159810.4) 2008-07-07

---

[11] **2,726,178**
[13] C
[51] **Int.Cl. C04B 35/80 (2006.01) C04B 35/83 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE PRECURSOR SLURRY COMPOSITIONS AND SHEET MOLDING COMPOUND**
[54] **COMPOSITIONS DE BOUES A BASE DE PRECURSEURS DE COMPOSITES A MATRICE CERAMIQUE ET COMPOSE DE MOULAGE EN FEUILLES**
[72] MANICKE, PAUL STEPHEN, US
[72] WALKER, BRYANT EDWARD, US
[72] RONK, WARREN ROSAL, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2726178)
[87] (2726178)
[22] 2010-12-22
[30] US (61/289,751) 2009-12-23
[30] US (12/827,841) 2010-06-30

---

[11] **2,727,032**
[13] C
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/438 (2006.01) A61K 31/4985 (2006.01) C07D 471/14 (2006.01) C07D 498/14 (2006.01) C07D 513/14 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS**
[54] **COMPOSES TRICYCLIQUES**
[72] WISHART, NEIL, US
[72] ARGIRIADI, MARIA A., US
[72] CALDERWOOD, DAVID J., US
[72] ERICSSON, ANNA M., US
[72] FIAMENGO, BRYAN A., US
[72] FRANK, KRISTINE E., US
[72] FRIEDMAN, MICHAEL, US
[72] GEORGE, DAWN M., US
[72] GOEDKEN, ERIC R., US
[72] JOSEPHSOHN, NATHAN S., US
[72] LI, BIQIN C., US
[72] MORYTKO, MICHAEL J., US
[72] STEWART, KENT D., US
[72] VOSS, JEFFREY W., US
[72] WALLACE, GRIER A., US
[72] WANG, LU, US
[72] WOLLER, KEVIN R., US
[73] ABBVIE INC., US
[85] 2010-12-03
[86] 2009-06-09 (PCT/US2009/046714)
[87] (WO2009/152133)
[30] US (61/131,599) 2008-06-10
[30] US (61/131,602) 2008-06-10
[30] US (61/190,159) 2008-08-26
[30] US (61/201,064) 2008-12-05

[11] **2,728,498**
[13] C
[51] **Int.Cl. C09D 5/44 (2006.01) C25D 7/12 (2006.01) C25D 13/04 (2006.01) C25D 13/08 (2006.01) H01L 21/02 (2006.01) H01L 21/288 (2006.01) H01L 23/52 (2006.01)**
[25] FR
[54] **METHOD OF PREPARING AN ELECTRICAL INSULATION FILM AND APPLICATION FOR THE METALLIZATION OF THROUGH-VIAS**
[54] **PROCEDE DE PREPARATION D'UN FILM ISOLANT ELECTRIQUE ET APPLICATION POUR LA METALLISATION DE VIAS TRAVERSANTS**
[72] MEVELLEC, VINCENT, FR
[72] GONZALEZ, JOSE, FR
[72] SUHR, DOMINIQUE, FR
[73] ALCHIMER, FR
[85] 2010-12-17
[86] 2009-07-01 (PCT/FR2009/051279)
[87] (WO2010/001054)
[30] FR (0854442) 2008-07-01

---

[11] **2,729,294**
[13] C
[51] **Int.Cl. C12N 15/32 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/325 (2006.01) C07K 16/12 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TOXIN GENES AND METHODS FOR THEIR USE**
[54] **GENES DE TOXINES ET LEUR UTILISATION**
[72] AGARWAL, SHRUTI, US
[72] CAMPBELL, CHRIS, US
[72] MCNULTY, BRIAN, US
[72] SAMPSON, KIMBERLY S., US
[72] TOMSO, DANIEL J., US
[73] ATHENIX CORPORATION, US
[85] 2010-12-15
[86] 2009-06-25 (PCT/US2009/048614)
[87] (WO2009/158470)
[30] US (61/075,719) 2008-06-25
[30] US (61/158,137) 2009-03-06

---

[11] **2,730,314**
[13] C
[51] **Int.Cl. C07D 491/048 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 239/70 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **BICYCLIC COMPOUNDS HAVING ANTIMITOTIC AND/OR ANTITUMOR ACTIVITY AND METHODS OF USE THEREOF**
[54] **COMPOSES BICYCLIQUES AYANT UNE ACTIVITE ANTIMITOTIQUE ET/OU ANTITUMORALE ET LEURS PROCEDES D'UTILISATION**
[72] GANGJEE, ALEEM, US
[73] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[85] 2011-01-10
[86] 2009-07-08 (PCT/US2009/049901)
[87] (WO2010/006025)
[30] US (12/170,571) 2008-07-10

---

[11] **2,734,478**
[13] C
[51] **Int.Cl. B65G 7/02 (2006.01) B62B 11/00 (2006.01) B62B 15/00 (2006.01) A61G 1/00 (2006.01)**
[25] EN
[54] **TRANSPORT DEVICE FORMED FROM PLASTIC SHEET**
[54] **DISPOSITIF DE TRANSPORT FAIT D'UNE FEUILLE DE PLASTIQUE**
[72] SCHIOLER, THOMAS, CA
[72] BUNDY, PAUL, CA
[73] SCHIOLER, THOMAS, CA
[86] (2734478)
[87] (2734478)
[22] 2011-03-17
[30] US (61320104) 2010-04-01

---

[11] **2,737,561**
[13] C
[51] **Int.Cl. E02D 5/54 (2006.01) E02D 5/74 (2006.01) E02D 7/00 (2006.01)**
[25] EN
[54] **STRUCTURAL CAP WITH COMPOSITE SLEEVES**
[54] **CHAPEAU STRUCTURAL DOTE DE MANCHONS COMPOSITES**
[72] SALISBURY, NICKOLAS G., US
[72] EDMONDS, KENNETH, R., US
[73] QUANTA ASSOCIATES, L.P., US
[86] (2737561)
[87] (2737561)
[22] 2011-04-15
[30] US (61/325221) 2010-04-16

---

[11] **2,737,894**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) C07D 231/20 (2006.01)**
[25] EN
[54] **PYRAZOLO PYRIDINE DERIVATIVES AS NADPH OXIDASE INHIBITORS**
[54] **DERIVES DE PYRAZOLOPYRIDINE UTILISES COMME INHIBITEURS DE LA NADPH OXYDASE**
[72] PAGE, PATRICK, FR
[72] ORCHARD, MIKE, GB
[72] LALEU, BENOIT, FR
[72] GAGGINI, FRANCESCA, CH
[73] GENKYOTEX SUISSE SA, CH
[85] 2011-03-16
[86] 2009-09-22 (PCT/IB2009/054150)
[87] (WO2010/035219)
[30] EP (08164853.7) 2008-09-23

---

[11] **2,737,978**
[13] C
[51] **Int.Cl. A61K 47/30 (2006.01)**
[25] EN
[54] **BIODEGRADABLE POLYMER SYSTEM**
[54] **SYSTEME DE POLYMERE BIODEGRADABLE**
[72] SHEARDOWN, HEATHER, CA
[72] FITZPATRICK, SCOTT, CA
[72] MAZUMDER, M. A. JAFAR, CA
[73] MCMASTER UNIVERSITY, CA
[86] (2737978)
[87] (2737978)
[22] 2011-04-26
[30] US (61/327,326) 2010-04-23

[11] 2,738,250
[13] C
[51] **Int.Cl. C07D 489/12 (2006.01)**
[25] EN
[54] **PROCESSES FOR INCREASING THE YIELD OF THE HYDROLYSIS OF THE 3-O-METHYL AND 17-N-NITRILE GROUP IN THE PREPARATION OF OPIATE ALKALOID DERIVATIVES**
[54] **PROCEDES DESTINES A AUGMENTER LE RENDEMENT DE L'HYDROLYSE DU GROUPE 3-O-METHYLE ET 17-N-NITRILE DANS LA PREPARATION DE DERIVES ALCALOIDES D'OPIACEES**
[72] ALLEN, BRENDA E., US
[73] SPECGX LLC, US
[85] 2011-03-23
[86] 2009-09-29 (PCT/US2009/005369)
[87] (WO2010/039214)
[30] US (61/194,680) 2008-09-30

[11] 2,738,575
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C11B 1/10 (2006.01) C12N 9/10 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/54 (2006.01) C12N 15/90 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **PRODUCTION OF MODIFIED FATTY ACIDS IN PLANTS BY RDNA TARGETED INTEGRATION OF HETEROLOGOUS NUCLEIC ACIDS**
[54] **PRODUCTION D'ACIDES GRAS MODIFIES DANS LES VEGETAUX PAR INTEGRATION CIBLEE D'ADNR D'ACIDES NUCLEIQUES HETEROGENES**
[72] FABIJANSKI, STEVEN, CA
[72] LINDENBAUM, MICHAEL, CA
[72] FU, PING, CA
[72] MARILLIA, ELIZABETH-FRANCE, CA
[73] AGRISOMA BIOSCIENCES INC., CA
[85] 2011-03-25
[86] 2009-09-30 (PCT/CA2009/001341)
[87] (WO2010/037209)
[30] US (61/102,509) 2008-10-03

[11] 2,741,159
[13] C
[51] **Int.Cl. H01B 7/36 (2006.01) H01B 7/22 (2006.01) H01B 13/26 (2006.01) H01B 13/34 (2006.01)**
[25] EN
[54] **CONDUCTORS AND METAL-COVERED CABLE WITH CODED INFORMATION AND METHOD OF APPLYING CODED INFORMATION**
[54] **CONDUCTEURS ET CABLE COUVERT EN METAL AVEC INFORMATION CODEE ET PROCEDE D'UTILISATION DE L'INFORMATION CODEE**
[72] TEMBLADOR, RICHARD, US
[72] DANIEL, ALLAN W., US
[72] HOLCOMBE, CHARLES L., US
[73] SOUTHWIRE COMPANY, LLC, US
[86] (2741159)
[87] (2741159)
[22] 2011-05-26
[30] US (12/792,640) 2010-06-02

[11] 2,741,169
[13] C
[51] **Int.Cl. F23N 1/00 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEMS AND METHODS FOR CONTROLLING A DRY FEED SYSTEM TO CONVEY A SOLID FUEL**
[54] **SYSTEMES DE COMMANDE ET PROCEDES DE COMMANDE D'UN SYSTEME D'ALIMENTATION A SEC POUR TRANSPORTER UN CARBURANT SOLIDE**
[72] FU, XU, CN
[72] HU, ZHONGZHI, CN
[72] ZHAO, TONG, CN
[72] CAI, ZILI, CN
[72] CHEN, YAO, CN
[72] HUANG, BAOMING, CN
[72] CHEN, WEI, CN
[72] LIU, KE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2741169)
[87] (2741169)
[22] 2011-05-26
[30] CN (201010193544.6) 2010-06-03

[11] 2,741,182
[13] C
[51] **Int.Cl. B32B 37/24 (2006.01) B27D 1/08 (2006.01) B27N 3/06 (2006.01) B29C 43/20 (2006.01) B29C 43/34 (2006.01) B32B 37/02 (2006.01) B32B 38/00 (2006.01) B32B 38/06 (2006.01) B32B 38/10 (2006.01) E04D 1/26 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **COMPOSITE PRODUCT WITH SURFACE EFFECT**
[54] **PRODUIT COMPOSITE A EFFET DE SURFACE**
[72] ALBERTELLI, ALDINO, GB
[73] ACELL INDUSTRIES LIMITED, IE
[85] 2011-04-19
[86] 2009-10-20 (PCT/GB2009/051414)
[87] (WO2010/046699)
[30] GB (0819214.8) 2008-10-20
[30] GB (0819212.2) 2008-10-20
[30] GB (0819213.0) 2008-10-20
[30] GB (0904912.3) 2009-03-23

[11] 2,743,613
[13] C
[51] **Int.Cl. G01D 21/00 (2006.01) G06F 17/14 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **PRECISION MEASUREMENT OF WAVEFORMS**
[54] **MESURE DE PRECISION DE FORMES D'ONDE**
[72] SMITH, PAUL REED, US
[72] SLAY, FREDERICK M., US
[72] SMITH, JACK W.(DECEASED), US
[73] PAUL REED SMITH GUITARS LIMITED PARTNERSHIP, US
[85] 2011-05-12
[86] 2009-11-12 (PCT/US2009/064120)
[87] (WO2011/059432)

[11] **2,744,355**
[13] C
[51] **Int.Cl. A61K 31/7105 (2006.01) A61P 31/14 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING RETROVIRUS INFECTIONS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES INFECTIONS RETROVIRALES**
[72] BENKIRANE, MONSEF, FR
[72] TRIBOULET, ROBINSON, FR
[72] CHABLE-BESSIA, CHRISTINE, FR
[72] BENNASSER, YAMINA, FR
[72] LATREILLE, DANIEL, FR
[72] MEZIANE, OUSSAMA, FR
[72] BARBRY, PASCAL, FR
[72] MARI, BERNARD, FR
[72] REYNES, JACQUES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2011-05-20
[86] 2009-11-26 (PCT/EP2009/065929)
[87] (WO2010/060967)
[30] EP (08305842.0) 2008-11-26

---

[11] **2,744,784**
[13] C
[51] **Int.Cl. H02M 1/08 (2006.01) H02M 3/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **GATE DRIVE CONTROLLER CIRCUIT WITH ANTI-SATURATION CIRCUIT AND POWER UP CIRCUIT THEREFOR**
[54] **CIRCUIT DE COMMANDE DE GRILLE MUNI D'UN CIRCUIT ANTISATURATION ET CIRCUIT DE MISE SOUS TENSION CONNEXE**
[72] YAO, GANG, US
[72] ZHANG, BO, CN
[72] ZHANG, TING, CN
[73] GENERAL ELECTRIC COMPANY, US
[86] (2744784)
[87] (2744784)
[22] 2011-06-29
[30] CN (201010261079.5) 2010-07-05

---

[11] **2,745,031**
[13] C
[51] **Int.Cl. C12N 15/00 (2006.01) A01K 67/027 (2006.01)**
[25] EN
[54] **GENOME EDITING IN RATS USING ZINC-FINGER NUCLEASES**
[54] **EDITION DE GENOME CHEZ DES RATS AU MOYEN DE NUCLEASES EN DOIGT DE ZINC**
[72] CUI, XIAOXIA, US
[72] GEURTS, ARON M., US
[72] URNOV, FYODOR, US
[73] SANGAMO THERAPEUTICS, INC., US
[73] SIGMA-ALDRICH CO. LLC, US
[85] 2011-05-27
[86] 2009-12-03 (PCT/US2009/006365)
[87] (WO2010/065123)
[30] US (61/200,985) 2008-12-04
[30] US (61/205,970) 2009-01-26
[30] US (61/263,904) 2009-11-24

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[11] **2,747,278**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01)**
[25] EN
[54] **AN OPTIMIZED AERODYNAMIC PROFILE FOR A TURBINE VANE, IN PARTICULAR FOR A NOZZLE OF THE THIRD STAGE OF A TURBINE**
[54] **PROFIL AERODYNAMIQUE OPTIMISE POUR UNE AUBE MOBILE DE TURBINE, EN PARTICULIER POUR UNE TUYERE DU TROISIEME ETAGE D'UNE TURBINE**
[72] BLEUZEN, JEAN, FR
[72] GUIMBARD, JEAN-MICHEL, FR
[72] PINTAT, LUDOVIC, FR
[72] ROUTIER, PASCAL, FR
[73] SNECMA, FR
[86] (2747278)
[87] (2747278)
[22] 2011-07-19
[30] US (61/367,687) 2010-07-26

---

[11] **2,749,471**
[13] C
[51] **Int.Cl. B64D 33/08 (2006.01) F25B 27/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VEHICLE THERMAL MANAGEMENT**
[54] **PROCEDE ET SYSTEME POUR LA GESTION THERMIQUE D'UN VEHICULE**
[72] WEBER, KENT L., US
[72] KYRIAZOPOULOS, ATHANASIOS, US
[72] HIGHTOWER, PETER C., US
[72] MILLER, LANCE F., US
[72] SOAVE, RONALD J., US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2749471)
[87] (2749471)
[22] 2011-08-18
[30] US (12/870,947) 2010-08-30

---

[11] **2,749,494**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **RESILIENT MOUNTING APPARATUS FOR LOW-DUCTILITY TURBINE SHROUD**
[54] **APPAREIL DE MONTAGE FLEXIBLE D'UNE ENVELOPPE DE TURBINE DE FAIBLE DUCTILITE**
[72] ALBERS, JOSEPH, US
[72] MARUSKO, MARK, US
[72] WILSON, BARRY, US
[72] DZIECH, AARON, US
[72] JOHNSON, CHRISTOPHER, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2749494)
[87] (2749494)
[22] 2011-08-18
[30] US (12/915,424) 2010-10-29

[11] 2,749,709
[13] C
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE FOR PERFORMING CIRCULAR ANASTOMOSIS AND SURGICAL STAPLES FOR USE THEREWITH**
[54] **DISPOSITIF D'AGRAFAGE CHIRURGICAL POUR L'EXECUTION D'ANASTOMOSES CIRCULAIRES ET AGRAFES CHIRURGICALES POUR UTILISER AVEC CELUI-CI**
[72] SCIRICA, PAUL, US
[72] RACENET, DAVID C., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2749709)
[87] (2749709)
[22] 2011-08-22
[30] US (61/388,788) 2010-10-01
[30] US (61/410,980) 2010-11-08
[30] US (13/207,653) 2011-08-11

[11] 2,750,341
[13] C
[51] **Int.Cl. H04N 5/44 (2011.01) H04L 29/06 (2006.01) H04N 7/173 (2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR IMPROVING TUNING IN RECEIVERS**
[54] **PROCEDE, APPAREIL ET SYSTEME D'AMELIORATION DE SYNTONISATION DANS DES RECEPTEURS**
[72] HERLEIN, GREGORY CHARLES, US
[73] THOMSON LICENSING, FR
[85] 2011-07-21
[86] 2009-07-10 (PCT/US2009/004039)
[87] (WO2010/085232)
[30] US (61/205,959) 2009-01-26

[11] 2,751,721
[13] C
[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **DEHYDRATION SYSTEMS AND METHODS FOR REMOVING WATER FROM A GAS**
[54] **METHODES ET SYSTEMES DE DESHYDRATATION POUR RETIRER DE L'EAU D'UN GAZ**
[72] KIDAMBI, GANESH PRASADH, IN
[72] NAPHAD, SACHIN SUHAS, US
[72] VADDI, RAJESH, IN
[73] GENERAL ELECTRIC COMPANY, US
[86] (2751721)
[87] (2751721)
[22] 2011-09-01
[30] US (12/880,576) 2010-09-13

[11] 2,752,609
[13] C
[51] **Int.Cl. G06K 19/07 (2006.01) H04W 92/08 (2009.01) G06K 19/077 (2006.01) H04B 5/00 (2006.01)**
[25] FR
[54] **NFC CARD FOR PORTABLE DEVICE**
[54] **CARTE NFC POUR DISPOSITIF PORTATIF**
[72] CORDIER, NICOLAS, FR
[73] INSIDE SECURE, FR
[86] (2752609)
[87] (2752609)
[22] 2011-09-13
[30] FR (10 03752) 2010-09-21
[30] FR (10 03754) 2010-09-21

[11] 2,752,695
[13] C
[51] **Int.Cl. F03D 1/04 (2006.01) F01D 1/02 (2006.01) F03B 3/00 (2006.01) F03D 3/04 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **A FLOW DEFLECTOR FOR A WIND TURBINE**
[54] **DEFLECTEUR D'ECOULEMENT POUR UNE TURBINE EOLIENNE**
[72] FARB, DANIEL, IL
[73] FARB, DANIEL, IL
[85] 2011-08-15
[86] 2009-02-12 (PCT/IB2009/050578)
[87] (WO2009/101595)
[30] US (61/028,545) 2008-02-14
[30] US (61/043,138) 2008-04-08
[30] US (61/058,235) 2008-06-03
[30] US (61/089,914) 2008-08-19

[11] 2,752,811
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD ALLOWING VALIDATION IN A PRODUCTION DATABASE OF NEW ENTERED DATA PRIOR TO THEIR RELEASE**
[54] **METHODE PERMETTANT LA VALIDATION D'UNE BASE DE DONNEES DE PRODUCTION DE NOUVELLES DONNEES ENTREES AVANT LEUR PUBLICATION**
[72] DANIELLO, RUDY, FR
[72] DESMONCEAU, SOPHIE, FR
[72] JANIN, BENOIT, FR
[72] JULLIEN, RENE, FR
[72] RUSCICA, BRIGITTE, FR
[73] AMADEUS S.A.S., FR
[85] 2011-08-15
[86] 2010-02-16 (PCT/EP2010/051904)
[87] (WO2010/094675)
[30] EP (09305151.4) 2009-02-17
[30] US (12/372,809) 2009-02-18

[11] 2,752,991
[13] C
[51] **Int.Cl. A01K 5/01 (2006.01)**
[25] EN
[54] **LIVESTOCK FEEDER**
[54] **ENGRAISSEUR DE BETAIL**
[72] GRAVES, TRAVIS, US
[73] AMERIAG, LLC, US
[86] (2752991)
[87] (2752991)
[22] 2011-09-22
[30] US (13/188,173) 2011-07-21

[11] 2,753,774
[13] C
[51] **Int.Cl. E04D 13/17 (2006.01)**
[25] EN
[54] **RIDGE VENT**
[54] **AERATEUR DE FAITE**
[72] MCKEE, JIM, CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2753774)
[87] (2753774)
[22] 2011-09-30

[11] **2,756,303**
[13] C
[51] **Int.Cl. F04D 29/36 (2006.01) F04D 25/08 (2006.01) F04D 29/34 (2006.01)**
[25] EN
[54] **CEILING FAN WITH VARIABLE BLADE PITCH AND VARIABLE SPEED CONTROL**
[54] **VENTILATEUR DE PLAFOND DONT LE PAS DES PALES ET LA COMMANDE DE VITESSE SONT VARIABLES**
[72] OLESON, RICHARD A., US
[72] FIZER, RICHARD W., US
[72] KIDD, H. KEITH, US
[73] DELTA T CORPORATION, US
[73] ASPEN MOTION TECHNOLOGIES, INC., US
[85] 2011-09-22
[86] 2010-05-04 (PCT/US2010/033497)
[87] (WO2010/129517)
[30] US (61/175,210) 2009-05-04

[11] **2,756,784**
[13] C
[51] **Int.Cl. B65G 21/20 (2006.01)**
[25] EN
[54] **GUIDE RAIL SYSTEM**
[54] **SYSTEME DE RAIL-GUIDE**
[72] BELL, GLEN A., CA
[72] TURNER, DANIEL J., CA
[72] KOZAK, EDWARD P., CA
[73] SEPTIMATECH GROUP INC., CA
[86] (2756784)
[87] (2756784)
[22] 2011-10-31
[30] US (61/408,233) 2010-10-29

[11] **2,757,908**
[13] C
[51] **Int.Cl. H04L 25/03 (2006.01)**
[25] EN
[54] **RECEIVER AND METHOD FOR TWO-STAGE EQUALIZATION WITH SEQUENTIAL TREE SEARCH**
[54] **RECEPTEUR ET PROCEDE D'EGALISATION EN DEUX ETAGES AVEC RECHERCHE ARBORESCENTE SEQUENTIELLE**
[72] KHAYRALLAH, ALI S., US
[72] BOTTOMLEY, GREGORY E., US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2011-10-05
[86] 2010-04-01 (PCT/IB2010/051447)
[87] (WO2010/116309)
[30] US (12/419,053) 2009-04-06

[11] **2,757,999**
[13] C
[51] **Int.Cl. C08G 65/00 (2006.01)**
[25] EN
[54] **POLYGLYCERYL COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS POLYGLYCERYLIQUES**
[72] ANDJELIC, SASA, US
[72] ERNETA, MODESTO, US
[72] FEVOLA, MICHAEL J., US
[72] SUN, FRANK C., US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[86] (2757999)
[87] (2757999)
[22] 2011-11-14
[30] US (61/413,712) 2010-11-15
[30] US (13/075,346) 2011-03-30
[30] US (13/075,362) 2011-03-30
[30] US (13/075,377) 2011-03-30
[30] US (13/075,388) 2011-03-30

[11] **2,759,668**
[13] C
[51] **Int.Cl. H05K 5/02 (2006.01) H04W 88/02 (2009.01) G01P 15/08 (2006.01) G06F 3/00 (2006.01) G06F 3/16 (2006.01) H04R 3/00 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AND MEASURING IMPACTS IN HANDHELD DEVICES USING AN ACOUSTIC TRANSDUCER**
[54] **SYSTEME ET PROCEDE POUR DETECTER ET MESURER LES IMPACTS SUR DES DISPOSITIFS A MAIN AU MOYEN D'UN TRANSDUCTEUR ACOUSTIQUE**
[72] LAHAIE, DENIS, CA
[72] SCHWANDT, SHELDON TERRY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2759668)
[87] (2759668)
[22] 2011-11-29
[30] EP (10193020.4) 2010-11-29

[11] **2,760,725**
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) E21C 35/00 (2006.01)**
[25] EN
[54] **PLANNING SYSTEM FOR AUTONOMOUS OPERATION**
[54] **SYSTEME DE PLANIFICATION POUR OPERATIONS AUTONOMES**
[72] NETTLETON, ERIC, AU
[72] HENNESSY, ROSS, AU
[72] DURRANT-WHYTE, HUGH, AU
[72] GOEKTOGAN, ALI HAYDAR, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[85] 2011-11-01
[86] 2010-04-30 (PCT/AU2010/000497)
[87] (WO2010/124338)
[30] AU (2009901935) 2009-05-01

[11] **2,760,897**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **POSITIVE AIRWAY PRESSURE APPARATUS**
[54] **APPAREIL DE VENTILATION SOUS PRESSION POSITIVE**
[72] LOESCHER, THOMAS C., US
[72] FITZWATER, DENNIS L., US
[73] GALEMED, TW
[85] 2011-11-03
[86] 2010-04-30 (PCT/US2010/033172)
[87] (WO2010/129415)
[30] US (61/175,962) 2009-05-06

[11] **2,761,123**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01) A61L 2/02 (2006.01)**
[25] EN
[54] **CAPSULE, METHOD AND DEVICE FOR PREPARING A NUTRITIONAL PRODUCT**
[54] **CAPSULE PERMETTANT LA CONFECTION D'UN PRODUIT NUTRITIONNEL ET INCLUANT UN FILTRE A EAU**
[72] DOLEAC, FREDERIC, FR
[72] ABRAHAM, SOPHIE, FR
[72] DOUDIN, YASMINE, CH
[72] EPARS, YANN, CH
[72] FABOZZI, THIERRY JEAN ROBERT, CH
[72] WYSS, HEINZ, CH
[72] BEZET, NICOLAS, FR
[72] SCORRANO, LUCIO, CH
[72] DOGAN, NIHAN, CH
[72] MEIER, ALAIN, CH
[73] NESTEC S.A., CH
[85] 2011-11-04
[86] 2010-05-04 (PCT/EP2010/056002)
[87] (WO2010/128028)
[30] EP (09159373.1) 2009-05-05
[30] EP (09162486.6) 2009-06-11

---

[11] **2,762,165**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING AN OPTIMAL LOW FARE FOR A TRIP**
[54] **PROCEDE ET SYSTEME POUR DETERMINER UN TARIF REDUIT OPTIMAL POUR UN VOYAGE**
[72] PATOUREAUX, MARC, FR
[72] DUFRESNE, THIERRY, FR
[72] PAUCHET, DAVID, FR
[73] AMADEUS S.A.S., FR
[85] 2011-11-16
[86] 2010-05-04 (PCT/EP2010/056015)
[87] (WO2010/133447)
[30] EP (09305452.6) 2009-05-18

---

[11] **2,762,178**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING A WOUND INFECTION**
[54] **PROCEDE DE DETECTION DE L'INFECTION D'UNE PLAIE**
[72] GUEBITZ, GEORG, AT
[72] WEHRSCHUETZ-SIGL, EVA, AT
[72] HASMANN, ANDREA, AT
[72] BINDER, BARBARA, AT
[72] BURNETT, MICHAEL, DE
[72] SCHINTLER, MICHAEL, AT
[73] MEGA PATENT EXPLOITATION GMBH, AT
[85] 2011-11-16
[86] 2010-05-18 (PCT/EP2010/056811)
[87] (WO2010/133589)
[30] EP (09160557.6) 2009-05-18

---

[11] **2,762,202**
[13] C
[51] **Int.Cl. B01D 27/04 (2006.01)**
[25] EN
[54] **FULL FLOW LIQUID FILTER WITH INTEGRAL BYPASS FILTRATION**
[54] **FILTRE DE LIQUIDE A PASSAGE INTEGRAL AVEC UNE FILTRATION EN DERIVATION INTEGRALE**
[72] BRYSON, THEODORE MICHAEL, US
[72] CLINE, L. STEVEN, US
[72] EICHLER, CHRISTOPHER, US
[73] MANN+HUMMEL PUROLATOR FILTERS LLC, US
[85] 2011-11-15
[86] 2010-05-18 (PCT/US2010/035203)
[87] (WO2010/135286)
[30] US (12/467,423) 2009-05-18

---

[11] **2,762,228**
[13] C
[51] **Int.Cl. C08G 65/329 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMERS WITH THE CROSSLINKER AS THERAPEUTIC FOR SUSTAINED RELEASE**
[54] **POLYMERES RETICULES DONT L'UN EST UTILISE EN TANT QU'AGENT THERAPEUTIQUE A LIBERATION PROLONGEE**
[72] OHRI, RACHIT, US
[72] BLASKOVICH, PHILLIP, US
[72] KENNEDY, JOSHUA, US
[72] BENNETT, STEVEN L., US
[72] DRISCOLL, ARTHUR, US
[73] CONFLUENT SURGICAL, INC., US
[86] (2762228)
[87] (2762228)
[22] 2011-12-15
[30] US (13/017,287) 2011-01-31

---

[11] **2,762,277**
[13] C
[51] **Int.Cl. G01N 27/00 (2006.01) G01N 33/58 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **SPECIFIC ANALYSIS OF KETONE AND ALDEHYDE ANALYTES USING REAGENT COMPOUNDS, LABELING STRATEGIES, AND MASS SPECTROMETRY WORKFLOW**
[54] **ANALYSE SPECIFIQUE D'ANALYTES DE CETONE ET D'ALDEHYDE AU MOYEN DE COMPOSES REACTIFS, DE STRATEGIES D'ETIQUETAGE ET DE FLUX DE TRAVAIL DE SPECTROMETRIE DE MASSE**
[72] DEY, SUBHAKAR, US
[72] PILLAI, SASI, US
[72] WILLIAMSON, BRIAN L., US
[72] PURKAYASTHA, SUBHASISH, US
[72] WEINSTOCK, MICHAL, US
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2011-11-16
[86] 2010-06-01 (PCT/US2010/001598)
[87] (WO2010/141075)
[30] US (61/182,748) 2009-05-31

[11] **2,762,581**
[13] C
[51] **Int.Cl. A23L 7/109 (2016.01) A23L 5/10 (2016.01) A23L 27/40 (2016.01) A23L 29/00 (2016.01) A23L 33/00 (2016.01)**
[25] EN
[54] **PASTA PRODUCT HAVING REDUCED SODIUM ANTI-BOIL-OVER COMPOSITION WITH ENHANCED CHEESE FLAVOR NOTES**
[54] **PATE ALIMENTAIRE AVEC UNE COMPOSITION ANTI-DEBORDEMENT PAR EBULLITION DE SODIUM ET A SAVEUR DE FROMAGE AMELIOREE**
[72] LUNDBERG, PAMELA, US
[72] DROZD, TARAS PETER, US
[72] COLBY, JAMES DONALD, US
[72] RAO, VAIDYAM DEEPTI, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2762581)
[87] (2762581)
[22] 2011-12-21
[30] US (61/426,809) 2010-12-23

[11] **2,762,922**
[13] C
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 33/138 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **ENGINEERED FIBERS FOR WELL TREATMENTS**
[54] **FIBRES MANIPULEES POUR TRAITEMENTS DE PUIT**
[72] SHINDGIKAR, NIKHIL, FR
[72] LEE, JESSE, FR
[72] KEFI, SLAHEDDINE, FR
[72] CAMBUS-BRUNET, CHRYSTEL, FR
[72] ERMEL, MICHEL, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-11-21
[86] 2010-05-17 (PCT/EP2010/003051)
[87] (WO2010/142370)
[30] EP (09290413.5) 2009-06-05

[11] **2,763,298**
[13] C
[51] **Int.Cl. B23Q 3/06 (2006.01)**
[25] EN
[54] **FIXTURE FOR SUPPORTING A WORKPIECE**
[54] **FIXATION POUR PIECE A TRAVAILLER**
[72] HACKER, BRIAN F., US
[72] TOMKIEWICZ, GREGORY J., US
[72] GIORDA, CLAUDIO, US
[72] URSO, GIUSEPPE, US
[73] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
[73] COMAU LLC, US
[86] (2763298)
[87] (2763298)
[22] 2012-01-09
[30] US (61/431,417) 2011-01-10
[30] US (13/329,948) 2011-12-19

[11] **2,763,949**
[13] C
[51] **Int.Cl. H04W 16/12 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND BASE STATION FOR SHARING OR JOINTLY USING ONE OF A GERAN (GSM EDGE RADIO ACCESS NETWORK) MOBILE RADIO ACCESS NETWORK**
[54] **PROCEDE, SYSTEME ET STATION DE BASE POUR PARTAGER OU UTILISER CONJOINTEMENT UN RESEAU D'ACCES RADIO MOBILE DE GERAN (RESEAU D'ACCES RADIO GSM/EDGE)**
[72] KLATT, AXEL, DE
[72] SCHMITT, HARALD, DE
[73] DEUTSCHE TELEKOM AG, DE
[85] 2011-11-30
[86] 2010-06-11 (PCT/EP2010/003510)
[87] (WO2010/145779)
[30] EP (09008052.4) 2009-06-19
[30] US (61/218,852) 2009-06-19

[11] **2,764,436**
[13] C
[51] **Int.Cl. C10M 145/14 (2006.01) C10M 149/04 (2006.01) C10M 149/06 (2006.01)**
[25] EN
[54] **POLYMETHACRYLATES AS HIGH VI VISCOSITY MODIFIERS**
[54] **POLYMETHACRYLATES COMME MODIFICATEURS DE VISCOSITE A IV ELEVE**
[72] BAUM, MARINA, US
[72] QIN, HAIHU, US
[72] DOHNER, BRENT R., US
[73] THE LUBRIZOL CORPORATION, US
[85] 2011-12-02
[86] 2010-06-02 (PCT/US2010/036990)
[87] (WO2010/141528)
[30] US (61/184,007) 2009-06-04

[11] **2,764,444**
[13] C
[51] **Int.Cl. A61B 5/0476 (2006.01)**
[25] EN
[54] **METHOD FOR ASSESSING THE SUSCEPTIBILITY OF A HUMAN INDIVIDUAL SUFFERING FROM A PSYCHIATRIC OR NEUROLOGICAL DISORDER TO NEUROMODULATION TREATMENT**
[54] **PROCEDE POUR EVALUER LA SUSCEPTIBILITE D'UN ETRE HUMAIN SOUFFRANT DE TROUBLES PSYCHIATRIQUES OU NEUROLOGIQUES A UN TRAITEMENT DE NEUROMODULATION**
[72] ARNS, MARTIJN WILCO, NL
[72] SPRONK, DESIREE BIANCA, NL
[73] CNS RESPONSE, INC., US
[85] 2011-12-02
[86] 2009-06-03 (PCT/EP2009/056812)
[87] (WO2010/139361)

[11] **2,764,569**
[13] C
[51] **Int.Cl. B60P 1/44 (2006.01) B62D 33/02 (2006.01) B66F 7/28 (2006.01) B66F 11/04 (2006.01)**
[25] EN
[54] **LIFTGATE AND MOUNTING BRACKET SYSTEM**
[54] **HAYON ELEVATEUR ET SYSTEME DE SUPPORT DE MONTAGE**
[72] BARK, PAUL, US
[73] RS DRAWINGS, LLC, US
[85] 2011-12-05
[86] 2010-06-10 (PCT/US2010/038194)
[87] (WO2010/144717)
[30] US (12/483,883) 2009-06-12

---

[11] **2,766,120**
[13] C
[51] **Int.Cl. C09J 183/10 (2006.01) A61L 24/00 (2006.01) C09J 151/08 (2006.01)**
[25] EN
[54] **AMPHIPHILIC SILICONE COPOLYMERS FOR PRESSURE SENSITIVE ADHESIVE APPLICATIONS**
[54] **COPOLYMERES DE SILICONE AMPHIPHILES POUR APPLICATIONS AUTOADHESIVES**
[72] SAMBASIVAM, MAHESH, US
[72] CRIVELLO, JAMES, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2011-12-19
[86] 2010-07-07 (PCT/US2010/041191)
[87] (WO2011/005846)
[30] US (61/223,534) 2009-07-07
[30] US (61/228,023) 2009-07-23

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[11] **2,766,250**
[13] C
[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/0775 (2010.01) C12N 5/0789 (2010.01) A61M 1/02 (2006.01) A61M 1/34 (2006.01) B01D 39/16 (2006.01) B03B 5/00 (2006.01) C12M 1/26 (2006.01) D04H 3/00 (2012.01)**
[25] EN
[54] **BLOOD COMPONENT SEPARATION SYSTEM AND SEPARATION MATERIAL**
[54] **SYSTEME DE SEPARATION DE COMPOSANT SANGUIN ET MATERIAU DE SEPARATION**
[72] SATO, NOBUHIKO, JP
[72] YOSHIDA, SHINYA, JP
[72] KOBAYASHI, AKIRA, JP
[72] NAKATANI, MASARU, JP
[73] KANEKA CORPORATION, JP
[85] 2011-12-20
[86] 2010-06-28 (PCT/JP2010/060975)
[87] (WO2011/001936)
[30] JP (2009-156383) 2009-06-30

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[11] **2,767,085**
[13] C
[51] **Int.Cl. B25D 17/00 (2006.01) B25F 5/02 (2006.01) C23F 15/00 (2006.01) E21B 6/00 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROTECTING THE ROCK DRILLING MACHINE FROM CORROSION**
[54] **DISPOSITIF ET PROCEDE POUR PROTEGER LA MACHINE DE FORAGE DE ROCHE DE LA CORROSION**
[72] RODERT, JOERGEN, SE
[72] ANDERSSON, KURT, SE
[73] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2011-12-30
[86] 2010-06-18 (PCT/SE2010/050699)
[87] (WO2011/002399)
[30] SE (0900899-6) 2009-07-01

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[11] **2,767,499**
[13] C
[51] **Int.Cl. H04L 7/00 (2006.01) H04W 56/00 (2009.01) H04W 84/06 (2009.01)**
[25] EN
[54] **A METHOD OF TIME SYNCHRONIZATION OF FREE RUNNING NODES IN AN AVIONICS NETWORK**
[54] **METHODE DE SYNCHRONISATION DE NOEUDS LIBRES DANS UN RESEAU D'AVIONIQUE**
[72] BOBREK, PAVLO, US
[72] VANDORP, JEFFREY, US
[72] MOLLING, HARRY, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2767499)
[87] (2767499)
[22] 2012-02-14
[30] US (13/027,587) 2011-02-15

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[11] **2,767,529**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/16 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING CUSTOMIZED RESPONSE MESSAGES BASED ON REQUESTED WEBSITE**
[54] **SYSTEME ET PROCEDE POUR FOURNIR DES MESSAGES DE REPONSE PERSONNALISES SUR LA BASE DU SITE WEB DEMANDE**
[72] ROACH, PERRY J., CA
[73] NETSWEEPER (BARBADOS) INC., BB
[85] 2012-01-06
[86] 2010-06-23 (PCT/IB2010/001710)
[87] (WO2011/004258)
[30] US (61/270,351) 2009-07-07

[11] **2,768,158**
[13] C
[51] **Int.Cl. A61B 18/18 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ENERGY-DELIVERY DEVICE INCLUDING ULTRASOUND TRANSDUCER ARRAY AND PHASED ANTENNA ARRAY**
[54] **DISPOSITIF D'APPORT D'ENERGIE INCLUANT UN RESEAU DE TRANSDUCTEURS A ULTRASONS ET UN RESEAU D'ANTENNES EN PHASE**
[72] BRANNAN, JOSEPH D., US
[73] COVIDIEN LP, US
[86] (2768158)
[87] (2768158)
[22] 2012-02-15
[30] US (13/029,521) 2011-02-17

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[11] **2,768,466**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 51/04 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HDAC INHIBITORS AND THERAPEUTIC METHODS USING THE SAME**
[54] **INHIBITEURS DE HDAC ET PROCEDES THERAPEUTIQUES LES UTILISANT**
[72] KOZIKOWSKI, ALAN, US
[72] BUTLER, KYLE B., US
[72] KALIN, JAY HANS, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2012-01-17
[86] 2010-07-02 (PCT/US2010/040879)
[87] (WO2011/011186)
[30] US (61/227,516) 2009-07-22

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[11] **2,768,479**
[13] C
[51] **Int.Cl. A61M 25/09 (2006.01) A61M 25/01 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **GUIDEWIRE AND METHOD OF INSERTION OF SAME**
[54] **FIL-GUIDE ET SON PROCEDE D'INTRODUCTION**
[72] CHESNIN, KENNETH J, US
[72] BASTA, MICHAEL, US
[72] ENGLE, SAM, US
[72] CELLINI, MICHAEL, US
[72] SANFORD, KEVIN, US
[73] MEDICAL COMPONENTS, INC., US
[85] 2012-01-17
[86] 2010-07-19 (PCT/US2010/042459)
[87] (WO2011/009127)
[30] US (61/226,428) 2009-07-17

---

[11] **2,768,919**
[13] C
[51] **Int.Cl. F15B 15/14 (2006.01)**
[25] EN
[54] **MULTI-STAGE HYDRAULIC CYLINDER ASSEMBLY**
[54] **SYSTEME DE VERIN HYDRAULIQUE MULTI-ETAGE**
[72] HARPER, BRYAN MICHAEL, US
[72] WHITFIELD, JAMES ARTHUR, JR., US
[73] LIEBHERR-MINING EQUIPMENT COMPANY, US
[86] (2768919)
[87] (2768919)
[22] 2012-02-23
[30] DE (10 2011 013 987.7) 2011-03-15

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[11] **2,768,921**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **A DEVICE FOR IMPLANTING A PROSTHESIS IN A TISSUE.**
[54] **DISPOSITIF PERMETTANT D'IMPLANTER UNE PROTHESE DANS UN TISSU**
[72] BASTIA, FILIPPO, IT
[73] THD S.P.A., IT
[86] (2768921)
[87] (2768921)
[22] 2012-02-23
[30] IT (M02011A000042) 2011-02-25

---

[11] **2,769,106**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01) A61N 5/067 (2006.01) G02B 26/08 (2006.01) G02C 7/02 (2006.01) G02F 1/29 (2006.01)**
[25] EN
[54] **OPTICAL SYSTEM FOR OPHTHALMIC SURGICAL LASER**
[54] **SYSTEME OPTIQUE POUR LASER DE CHIRURGIE OPHTALMIQUE**
[72] RAKSI, FERENC, US
[72] BUCK, JESSE, US
[73] ALCON LENSX, INC., US
[85] 2012-01-24
[86] 2010-07-21 (PCT/US2010/042796)
[87] (WO2011/017003)
[30] US (12/511,974) 2009-07-29

---

[11] **2,769,800**
[13] C
[51] **Int.Cl. E03F 5/16 (2006.01) B01D 17/02 (2006.01) C02F 1/40 (2006.01) E03C 1/12 (2006.01)**
[25] EN
[54] **DIFFUSER BAFFLE FOR GREASE INTERCEPTOR**
[54] **DEFLECTEUR DE DIFFUSION POUR BOITE A GRAISSE**
[72] BIRD, ANDREW, CA
[72] MANTYLA, JAMES BRIAN, CA
[72] TESKY, JAMES EDWIN, CA
[72] PARKINSON, RICHARD ALAN, CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2769800)
[87] (2769800)
[22] 2012-02-28

[11] **2,770,270**
[13] C
[51] **Int.Cl. G01N 27/447 (2006.01) B01D 61/44 (2006.01) C07K 1/28 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **PROTON CONCENTRATION TOPOGRAPHIES, METHODS AND DEVICES FOR PRODUCING THE SAME**
[54] **TOPOGRAPHIES DE CONCENTRATIONS DE PROTONS, PROCEDES ET DISPOSITIFS POUR LES PRODUIRE**
[72] SIVAN, URI, IL
[72] BROD, ELAD, IL
[73] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL
[85] 2012-02-06
[86] 2010-08-18 (PCT/IL2010/000672)
[87] (WO2011/021196)
[30] US (61/272,110) 2009-08-18

---

[11] **2,770,278**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/551 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 5/00 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 498/14 (2006.01) C07D 513/14 (2006.01)**
[25] EN
[54] **PYRAZOLINE DIONE DERIVATIVES AS NADPH OXIDASE INHIBITORS**
[54] **DERIVES DE PYRAZOLINE DIONE UTILISES EN TANT QU'INHIBITEURS DE NADPH OXYDASE**
[72] PAGE, PATRICK, FR
[72] GAGGINI, FRANCESCA, CH
[72] LALEU, BENOIT, FR
[73] GENKYOTEX SUISSE SA, CH
[85] 2012-02-03
[86] 2010-09-27 (PCT/IB2010/054329)
[87] (WO2011/036651)
[30] EP (09171466.7) 2009-09-28

---

[11] **2,771,045**
[13] C
[51] **Int.Cl. C09K 8/14 (2006.01) C09K 8/32 (2006.01)**
[25] EN
[54] **ULTRA HIGH VISCOSITY PILL AND METHODS FOR USE WITH AN OIL-BASED DRILLING SYSTEM**
[54] **BOUCHON A ULTRA HAUTE VISCOSITE ET PROCEDES D'UTILISATION AVEC UN SYSTEME DE FORAGE POUR PETROLE**
[72] DOBSON, JAMES W., JR., US
[72] TRESCO, KIMBERLY O., US
[72] GEERDES, BENJAMIN K., US
[73] TUCC TECHNOLOGY, LLC, US
[85] 2012-02-13
[86] 2010-07-09 (PCT/US2010/041542)
[87] (WO2011/006076)
[30] US (61/224,136) 2009-07-09

---

[11] **2,771,262**
[13] C
[51] **Int.Cl. A23K 10/20 (2016.01) A23K 10/30 (2016.01) A23K 20/163 (2016.01) A23K 50/40 (2016.01) A23L 7/10 (2016.01) A23L 13/00 (2016.01) A23L 13/60 (2016.01) A23L 29/20 (2016.01) A23L 29/212 (2016.01)**
[25] EN
[54] **CHUNKS-IN-JELLY FOOD COMPOSITIONS HAVING AN APPEALING APPEARANCE**
[54] **COMPOSITIONS ALIMENTAIRES A MORCEAUX DANS DE LA GELEE AYANT UN ASPECT APPETISSANT**
[72] PIBAROT, PATRICK, FR
[72] WATELAIN, ANNIE, FR
[73] NESTEC S.A., CH
[85] 2012-02-15
[86] 2010-08-21 (PCT/US2010/002310)
[87] (WO2011/028241)
[30] US (61/275,184) 2009-08-26

---

[11] **2,771,409**
[13] C
[51] **Int.Cl. C09K 21/06 (2006.01) A62D 1/00 (2006.01)**
[25] EN
[54] **IONIC LIQUID FLAME RETARDANTS**
[54] **RETARDATEURS D'INFLAMMATION DE TYPE LIQUIDE IONIQUE**
[72] XU, YANJIE, US
[73] H & C SCIENTIFIC RESOURCES INTERNATIONAL, LLC, US
[85] 2012-02-13
[86] 2010-11-16 (PCT/US2010/056874)
[87] (WO2012/021146)

---

[11] **2,771,979**
[13] C
[51] **Int.Cl. G08C 25/02 (2006.01) H04Q 9/04 (2006.01)**
[25] EN
[54] **REMOTE CONTROL OF A PLURALITY OF DEVICES**
[54] **TELECOMMANDE D'UNE PLURALITE DE DISPOSITIFS**
[72] GEERAERTS, SAM, NL
[73] PHILIPS LIGHTING HOLDING B.V., NL
[85] 2012-02-23
[86] 2010-08-19 (PCT/IB2010/053747)
[87] (WO2011/024106)
[30] EP (09168589.1) 2009-08-25

---

[11] **2,773,835**
[13] C
[51] **Int.Cl. G01D 5/20 (2006.01) F04D 19/04 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTING THE AXIAL POSITION OF A ROTARY SHAFT, AND ITS APPLICATION TO A TURBO-MOLECULAR PUMP**
[54] **DISPOSITIF DE DETECTION DE LA POSITION AXIALE D'UN ARBRE ROTATIF ET APPLICATION A UNE POMPE TURBOMOLECULAIRE**
[72] SCHROEDER, ULRICH, FR
[73] SKF MAGNETIC MECHATRONICS, FR
[86] (2773835)
[87] (2773835)
[22] 2012-04-10
[30] FR (1153227) 2011-04-14

[11] 2,774,914
[13] C
[51] **Int.Cl. B65D 47/08 (2006.01)**
[25] EN
[54] **A CLOSURE**
[54] **FERMETURE**
[72] CERVENY, JEAN-PAUL, FR
[72] DETROIS, CHRISTIAN, FR
[73] NESTEC S.A., CH
[85] 2012-03-21
[86] 2010-10-21 (PCT/EP2010/065839)
[87] (WO2011/048166)
[30] EP (09173868.2) 2009-10-23
[30] EP (09173867.4) 2009-10-23

---

[11] 2,776,062
[13] C
[51] **Int.Cl. B32B 1/08 (2006.01) B32B 3/18 (2006.01) F16L 11/08 (2006.01) F16L 11/127 (2006.01)**
[25] EN
[54] **TEMPERATURE-CONTROLLABLE PIPE FOR OFFSHORE APPLICATIONS**
[54] **TUYAU A TEMPERATURE CONTROLABLE POUR UNE UTILISATION EN MER**
[72] GOERING, RAINER, DE
[72] DOWE, ANDREAS, DE
[72] KUHMANN, KARL, DE
[72] GRUHN, MAXIMILIAN, DE
[72] FRANOSCH, JUERGEN, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2776062)
[87] (2776062)
[22] 2012-05-04
[30] DE (102011075383.4) 2011-05-06

---

[11] 2,776,192
[13] C
[51] **Int.Cl. B61L 29/00 (2006.01) G01S 7/40 (2006.01) G01S 13/93 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUNDANT VEHICLE DETECTION AT HIGHWAY-RAIL GRADE CROSSINGS**
[54] **SYSTEMES ET METHODES DE DETECTION DE VEHICULE REDONDANTE AUX PASSAGES A NIVEAU D'AUTOROUTE**
[72] HILLEARY, THOMAS N., US
[73] THE ISLAND RADAR COMPANY, US
[86] (2776192)
[87] (2776192)
[22] 2012-05-08
[30] US (13/103,625) 2011-05-09

---

[11] 2,777,469
[13] C
[51] **Int.Cl. H03F 1/32 (2006.01)**
[25] EN
[54] **PRE-DISTORTION FOR A RADIO FREQUENCY POWER AMPLIFIER**
[54] **PREACCENTUATION POUR AMPLIFICATEUR DE PUISSANCE EN RADIOFREQUENCE**
[72] DAVIES, DORIAN, GB
[73] BLACKBERRY LIMITED, CA
[85] 2011-10-27
[86] 2010-05-07 (PCT/EP2010/056300)
[87] (WO2010/128160)
[30] US (12/436,966) 2009-05-07

---

[11] 2,777,941
[13] C
[51] **Int.Cl. A23L 33/21 (2016.01) A23L 29/25 (2016.01) A23L 33/00 (2016.01) A61P 1/00 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION FOR PROMOTING GUT MICROBIOTA BALANCE AND HEALTH**
[54] **COMPOSITION NUTRITIONNELLE PERMETTANT DE FAVORISER L'EQUILIBRE DE MICROBIOTES DIGESTIFS ET LA SANTE**
[72] ROUGHEAD, ZAMZAM FARIBA, US
[72] BENYACOUB, JALIL, CH
[72] ROESSLE, CLAUDIA, CH
[72] MAGER, JENNIFER RAE, US
[72] SWANSON, JULIE ANN, US
[72] GREENBERG, NORMAN ALAN, US
[72] BOLSTER, DOUGLAS RICHARD, US
[72] GARCIA RODENAS, CLARA LUCIA, CH
[72] ROCHAT, FLORENCE, CH
[73] NESTEC S.A., CH
[85] 2012-04-17
[86] 2010-11-11 (PCT/US2010/056321)
[87] (WO2011/060123)
[30] US (61/260,495) 2009-11-12
[30] US (61/264,430) 2009-11-25
[30] US (61/394,805) 2010-10-20

---

[11] 2,778,380
[13] C
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/20 (2006.01) B65B 55/02 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AUTOCLAVED FOODSTUFFS IN A CONTAINER FORMED FROM A FLAT COMPOSITE HAVING A COLORED CROSS-LINKED OUTER POLYMER LAYER OBTAINABLE BY MEANS OF HIGH PRESSURE**
[54] **PROCEDE DE PRODUCTION DE PRODUIT ALIMENTAIRE AUTOCLAVE DANS UN RECIPIENT FORME D'UN COMPOSITE DE FORME PLANE PRESENTANT UNE COUCHE POLYMERE EXTERIEURE RETICULEE COLOREE POUVANT ETRE OBTENUE PAR HAUTE PRESSION**
[72] WOLTERS, MICHAEL, DE
[72] SCHIBULL, DIRK, DE
[73] SIG TECHNOLOGY AG, CH
[85] 2012-04-20
[86] 2010-10-22 (PCT/EP2010/006458)
[87] (WO2011/047869)
[30] DE (10 2009 050 420.6) 2009-10-22

---

[11] 2,779,346
[13] C
[51] **Int.Cl. C10M 169/04 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITIONS FOR USE IN ASSOCIATION WITH A DEVICE INVOLVING METAL TO METAL CONTACT OF MOVING PARTS**
[54] **COMPOSITIONS LUBRIFIANTES DESTINEES A UNE UTILISATION EN ASSOCIATION AVEC UN DISPOSITIF IMPLIQUANT UN CONTANT METAL-METAL DE PIECES MOBILES**
[72] LAKES, STEPHEN C., US
[72] WITSCHGER, MARK, US
[72] BALASUBRAMANIAM, VASUDEVAN, US
[73] COGNIS IP MANAGEMENT GMBH, DE
[85] 2012-04-30
[86] 2010-10-28 (PCT/EP2010/006608)
[87] (WO2011/054482)
[30] US (61/258,818) 2009-11-06

[11] **2,779,423**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **BENZODIAZEPINE BROMODOMAIN INHIBITOR**
[54] **INHIBITEUR DE BROMODOMAINES VIS-A-VIS DE LA BENZODIAZEPINE**
[72] BAILEY, JAMES, GB
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] MIRGUET, OLIVIER, FR
[72] WITHERINGTON, JASON, GB
[73] GLAXOSMITHKLINE LLC, US
[85] 2012-04-30
[86] 2010-11-03 (PCT/EP2010/066697)
[87] (WO2011/054845)
[30] GB (0919433.3) 2009-11-05
[30] GB (1010509.6) 2010-06-22
[30] EP (PCT/EP2010/061518) 2010-08-06
[30] GB (1014231.3) 2010-08-25

---

[11] **2,779,962**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LIGHTING POWER AND CONTROL SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SYSTEME D'ALIMENTATION ET DE COMMANDE D'ECLAIRAGE**
[72] PETING, MARK, US
[72] BEYER, DALE, US
[72] SHIMOMURA, TSUTOMU, US
[73] NEOFOCAL SYSTEMS, INC., US
[85] 2012-05-03
[86] 2010-12-08 (PCT/US2010/003124)
[87] (WO2011/056242)
[30] US (12/590,449) 2009-11-06

---

[11] **2,781,923**
[13] C
[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HYPERSULFATED DISACCHARIDE FORMULATIONS**
[54] **FORMULATIONS DE DISACCHARIDES HYPERSULFATES**
[72] AHMED, TAHIR, US
[73] OPKO HEALTH, INC., US
[85] 2012-05-25
[86] 2010-11-23 (PCT/US2010/057787)
[87] (WO2011/068721)
[30] US (61/266,361) 2009-12-03

---

[11] **2,783,513**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 5/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEUTRALIZING PROLACTIN RECEPTOR ANTIBODIES AND THEIR THERAPEUTIC USE**
[54] **NEUTRALISATION DES ANTICORPS DU RECEPTEUR DE LA PROLACTINE ET UTILISATION THERAPEUTIQUE DE CES DERNIERS**
[72] OTTO, CHRISTIANE, DE
[72] WOLF, SIEGMUND, DE
[72] FREIBERG, CHRISTOPH, DE
[72] HARRENGA, AXEL, DE
[72] GREVEN, SIMONE, DE
[72] TRAUTWEIN, MARK, DE
[72] BRUDER, SANDRA, DE
[72] EICKER, ANDREA, DE
[72] WILMEN, ANDREAS, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-06-07
[86] 2010-11-18 (PCT/EP2010/067742)
[87] (WO2011/069795)
[30] EP (09075546.3) 2009-12-10

---

[11] **2,783,730**
[13] C
[51] **Int.Cl. H01R 4/60 (2006.01)**
[25] EN
[54] **BIASING CONNECTOR**
[54] **CONNECTEUR DE POLARISATION**
[72] CHARPENTIER, DIDIER, IT
[72] CHARPENTIER, THIERRY, IT
[72] TOGNALI, STEPHANE, IT
[73] PRYSMIAN S.P.A., IT
[85] 2012-06-08
[86] 2009-12-10 (PCT/EP2009/066810)
[87] (WO2011/069547)

---

[11] **2,785,595**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 38/36 (2006.01) A61L 33/00 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **DRY POWDER FIBRIN SEALANT**
[54] **ADHESIF DE FIBRINE EN POUDRE SECHE**
[72] KOOPMAN, JACOB, NL
[72] MARTYN, GLEN, GB
[73] MALLINCKRODT PHARMA IP TRADING D.A.C., IE
[85] 2012-06-22
[86] 2011-01-07 (PCT/EP2011/050192)
[87] (WO2011/083154)
[30] EP (10150392.8) 2010-01-08

---

[11] **2,785,708**
[13] C
[51] **Int.Cl. G03B 21/00 (2006.01) G09G 5/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING A PROJECTED IMAGE**
[54] **SYSTEME ET PROCEDE DE REGLAGE D'UNE IMAGE PROJETEE**
[72] TILLEMAN, MICHAEL M., US
[72] WOLFE, RICHARD S., US
[72] KRYLOV, VLADIMIR G., US
[72] CIELINSKI, MARTIN M., US
[72] ESHED, TOMER, US
[73] ELBIT SYSTEMS OF AMERICA, LLC, US
[85] 2012-06-27
[86] 2010-12-28 (PCT/US2010/062213)
[87] (WO2011/082159)
[30] US (61/290,827) 2009-12-29
[30] US (12/974,578) 2010-12-21

[11] **2,786,552**
[13] C
[51] **Int.Cl. E03D 13/00 (2006.01) E03C 1/298 (2006.01) F16K 15/14 (2006.01)**
[25] EN
[54] **NON-RETURN DEVICE**
[54] **DISPOSITIF DE NON-RETOUR**
[72] MCALPINE, JAMES EDWARD, GB
[72] MCALPINE, JAMES KENNETH, GB
[73] MCALPINE & CO LIMITED, GB
[85] 2012-06-28
[86] 2010-11-23 (PCT/GB2010/002158)
[87] (WO2011/061515)
[30] GB (0920084.1) 2009-11-23

---

[11] **2,786,626**
[13] C
[51] **Int.Cl. G01C 3/02 (2006.01) G01B 11/14 (2006.01) G02B 26/02 (2006.01)**
[25] EN
[54] **MULTIPLE SYNCHRONIZED OPTICAL SOURCES FOR TIME-OF-FLIGHT RANGE FINDING SYSTEMS**
[54] **MULTIPLES SOURCES OPTIQUES SYNCHRONISEES POUR SYSTEMES DE RECHERCHE DE PLAGE A TEMPS DE VOL**
[72] BAMJI, CYRUS, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-07-06
[86] 2011-02-01 (PCT/US2011/023413)
[87] (WO2011/094762)
[30] US (61/337,315) 2010-02-01
[30] US (13/018,293) 2011-01-31

---

[11] **2,787,503**
[13] C
[51] **Int.Cl. B67D 1/08 (2006.01) B65B 3/04 (2006.01) B65D 83/00 (2006.01) B67D 1/12 (2006.01) F16K 21/00 (2006.01)**
[25] EN
[54] **FLUID TRANSFER ASSEMBLY AND METHODS OF FLUID TRANSFER**
[54] **ENSEMBLE DE TRANSFERT DE FLUIDE ET PROCEDES DE TRANSFERT DE FLUIDE**
[72] SPRINGER, JOSHUA, US
[73] GRINON INDUSTRIES, US
[85] 2012-07-18
[86] 2011-01-19 (PCT/US2011/021730)
[87] (WO2011/091047)
[30] US (61/296,305) 2010-01-19
[30] US (12/992,881) 2010-11-19
[30] US (13/008,786) 2011-01-18

---

[11] **2,787,764**
[13] C
[51] **Int.Cl. B60L 11/12 (2006.01)**
[25] EN
[54] **HYDROCARBON FUELED-ELECTRIC SERIES HYBRID PROPULSION SYSTEMS**
[54] **SYSTEMES DE PROPULSION HYBRIDES SERIE A ALIMENTATION PAR HYDROCARBURE-ELECTRIQUE**
[72] BOWMAN, JAY J., US
[73] EPOWER ENGINE SYSTEMS, L.L.C., US
[85] 2012-07-20
[86] 2011-01-21 (PCT/US2011/022061)
[87] (WO2011/091254)
[30] US (61/297,094) 2010-01-21

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[11] **2,788,054**
[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/68 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE BINDING CONSTANT OF HIGH AFFINITY COMPOUNDS**
[54] **PROCEDE POUR LA DETERMINATION DE LA CONSTANTE D'ASSOCIATION DE COMPOSES D'AFFINITE ELEVEE**
[72] ASSMUS, FRAUKE, CH
[72] FISCHER, HOLGER, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-07-24
[86] 2011-02-22 (PCT/EP2011/052550)
[87] (WO2011/104210)
[30] EP (10154696.8) 2010-02-25

---

[11] **2,788,102**
[13] C
[51] **Int.Cl. B42D 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR BINDING AND POSTING ARTICLES**
[54] **APPAREIL ET PROCEDE POUR LIER ET AFFICHER DES ARTICLES**
[72] REDEKOPP, DANIEL T., CA
[73] REDEKOPP, DANIEL T., CA
[86] (2788102)
[87] (2788102)
[22] 2012-08-20

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[11] **2,788,219**
[13] C
[51] **Int.Cl. A61B 3/10 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **OPTICAL COHERENCE TOMOGRAPHIC SYSTEM FOR OPHTHALMIC SURGERY**
[54] **SYSTEME TOMOGRAPHIQUE DE COHERENCE OPTIQUE POUR UNE CHIRURGIE OPHTALMIQUE**
[72] GOLDSHLEGER, ILYA, US
[72] HOLLAND, GUY, US
[72] RAKSI, FERENC, US
[73] ALCON LENSX, INC., US
[85] 2012-07-25
[86] 2011-02-17 (PCT/US2011/025332)
[87] (WO2011/103357)
[30] US (12/708,450) 2010-02-18

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[11] **2,788,257**
[13] C
[51] **Int.Cl. B28B 3/00 (2006.01)**
[25] EN
[54] **MOULD FILLING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE REMPLISSAGE DE MOULE**
[72] SCHERER, RONALD J., US
[72] BROWNING, LEONARD, US
[72] LUNDELL, ROBERT J., US
[72] HINDE, STEVEN E., US
[73] OLDCASTLE APG, INC., US
[85] 2012-07-26
[86] 2011-01-21 (PCT/US2011/021973)
[87] (WO2011/094118)
[30] US (61/298,323) 2010-01-26

[11] **2,788,416**
[13] C
[51] **Int.Cl. C07C 217/74 (2006.01) A61K 31/138 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01) C07C 217/14 (2006.01)**
[25] EN
[54] **HIGHLY SELECTIVE 5-HT(2C) RECEPTOR AGONISTS HAVING ANTAGONIST ACTIVITY AT THE 5-HT(2B) RECEPTOR**
[54] **AGONISTES HAUTEMENT SELECTIFS DU RECEPTEUR 5-HT(2C) AYANT UNE ACTIVITE ANTAGONISTE AU NIVEAU DU RECEPTEUR 5-HT(2B)**
[72] KOZIKOWSKI, ALAN, US
[72] ROTH, BRYAN, US
[72] SVENNEBRING, ANDREAS, US
[72] CHEN, GANG, US
[72] CHO, SUNG JIN, KR
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[73] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2012-07-25
[86] 2011-02-03 (PCT/US2011/023535)
[87] (WO2011/097336)
[30] US (61/301,441) 2010-02-04

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[11] **2,788,420**
[13] C
[51] **Int.Cl. B65B 1/30 (2006.01) B65B 5/10 (2006.01)**
[25] EN
[54] **ICE BAGGING SYSTEM INCLUDING AUXILIARY SOURCE OF BAGS**
[54] **SYSTEME D'ENSACHAGE DE GLACE COMPRENANT UNE SOURCE AUXILIAIRE DE SACS**
[72] METZGER, MARK C., US
[73] REDDY ICE CORPORATION, US
[85] 2012-07-27
[86] 2010-08-16 (PCT/US2010/045648)
[87] (WO2011/096952)
[30] US (61/300,612) 2010-02-02
[30] US (12/856,451) 2010-08-13

---

[11] **2,788,642**
[13] C
[51] **Int.Cl. C01B 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING CHLORINE DIOXIDE**
[54] **SYSTEME ET PROCEDE DE GENERATION DE DIOXYDE DE CHLORE**
[72] THANGARAJ, JOHN APPADURAI, US
[73] SIPKA INC., US
[85] 2012-07-31
[86] 2010-02-05 (PCT/US2010/023278)
[87] (WO2011/096930)

---

[11] **2,790,149**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETERMINING THE POSITION OF A VEHICLE, VEHICLE THEREWITH, AND METHOD THEREFOR**
[54] **SYSTEME PERMETTANT DE DETERMINER LA POSITION D'UN VEHICULE, VEHICULE ASSOCIE ET PROCEDE S'Y RAPPORTANT**
[72] SIEBERT, RALF, NL
[73] 2 GETTHERE B.V., NL
[85] 2012-08-16
[86] 2011-02-21 (PCT/EP2011/052489)
[87] (WO2011/101462)
[30] EP (10154159.7) 2010-02-19

---

[11] **2,790,419**
[13] C
[51] **Int.Cl. A61F 13/02 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **EPITHELIALIZATION METHODS, DRESSINGS, AND SYSTEMS**
[54] **METHODES D'EPITHELIALISATION, PANSEMENTS ET SYSTEMES**
[72] MANWARING, MICHAEL, US
[72] WILKES, ROBERT PEYTON, US
[72] LEUNG, BRADEN, US
[73] KCI LICENSING, INC., US
[85] 2012-08-17
[86] 2011-03-14 (PCT/US2011/028352)
[87] (WO2011/115911)
[30] US (61/314,236) 2010-03-16
[30] US (61/314,274) 2010-03-16
[30] US (13/045,663) 2011-03-11

---

[11] **2,790,683**
[13] C
[51] **Int.Cl. C11D 1/835 (2006.01) C11D 1/50 (2006.01) C11D 1/62 (2006.01) C11D 1/66 (2006.01) C11D 1/75 (2006.01)**
[25] EN
[54] **NATURAL DISINFECTING CLEANERS**
[54] **PRODUITS NETTOYANTS DESINFECTANTS NATURELS**
[72] SCHEUING, DAVID R., US
[72] ZHANG, RUI, US
[73] THE CLOROX COMPANY, US
[85] 2012-08-21
[86] 2011-03-02 (PCT/US2011/026811)
[87] (WO2011/109474)
[30] US (12/717,706) 2010-03-04

---

[11] **2,791,372**
[13] C
[51] **Int.Cl. G01N 30/60 (2006.01) B01D 15/22 (2006.01)**
[25] EN
[54] **CHROMATOGRAPHY COLUMN ASSEMBLY COMPRISING A FIXTURE FOR A PLASTIC MESH**
[54] **ENSEMBLE DE COLONNE CHROMATOGRAPHIQUE COMPRENANT UN DISPOSITIF DE FIXATION D'UN MAILLAGE EN PLASTIQUE**
[72] SALOMONSSON, DANIEL, SE
[72] BENNEMO, PETTER, SE
[72] USELIUS, PER, SE
[73] GE HEALTHCARE BIO-SCIENCES AB, SE
[85] 2012-08-28
[86] 2011-03-10 (PCT/SE2011/050261)
[87] (WO2011/112144)
[30] SE (1000230-1) 2010-03-12

[11] **2,791,937**
[13] C
[51] **Int.Cl. G08B 17/00 (2006.01)**
[25] EN
[54] **ASPIRATING ENVIRONMENTAL SENSOR WITH WEBSERVER AND EMAIL NOTIFICATION**
[54] **CAPTEUR DE VARIABLES D'ENVIRONNEMENT A ASPIRATION AVEC SERVEUR INTERNET ET NOTIFICATION PAR COURRIER ELECTRONIQUE**
[72] KARIM, ZIA, US
[72] DOLL, DAVID, US
[72] MICHAELS, JONATHAN, US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2012-08-31
[86] 2011-03-03 (PCT/US2011/027033)
[87] (WO2011/109622)
[30] US (12/716,439) 2010-03-03

---

[11] **2,792,989**
[13] C
[51] **Int.Cl. H01B 3/44 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION FOR W&C APPLICATION WITH ADVANTAGEOUS ELECTRICAL PROPERTIES**
[54] **COMPOSITION POLYMERE POUR APPLICATION W&C A PROPRIETES ELECTRIQUES AVANTAGEUSES**
[72] ENGLUND, VILLGOT, SE
[72] HAGSTRAND, PER-OLA, SE
[72] NILSSON, ULF, SE
[72] SMEDBERG, ANNIKA, SE
[72] BOSTROM, JAN-OVE, SE
[72] FARKAS, ANDREAS, SE
[72] DOMINGUEZ, GUSTAVO, SE
[73] BOREALIS AG, AT
[85] 2012-09-12
[86] 2011-03-01 (PCT/EP2011/052988)
[87] (WO2011/113685)
[30] EP (10156722.0) 2010-03-17

---

[11] **2,793,539**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RELIABLE PROTOCOL TUNNELING OVER HTTP**
[54] **PROCEDE ET SYSTEME POUR TUNNELISATION DE PROTOCOLE FIABLE SUR HTTP**
[72] RAO, DEEPAK, US
[72] TAN, LEI, US
[72] GUO, XIN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-09-17
[86] 2011-04-04 (PCT/US2011/031103)
[87] (WO2011/130038)
[30] US (61/324,723) 2010-04-15
[30] US (12/845,620) 2010-07-28

---

[11] **2,794,231**
[13] C
[51] **Int.Cl. A61C 19/04 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **PERIODONTAL PROBE WITH TOUCH SENSING**
[54] **SONDE PERIODONTALE A DETECTION DE CONTACT TACTILE**
[72] NEKTARIOS IOANNIDIS, CA
[72] MARGARITIS, DEMETRIOS ARGYRIOS, CA
[73] NEKTARIOS IOANNIDIS, CA
[73] MARGARITIS, DEMETRIOS ARGYRIOS, CA
[86] (2794231)
[87] (2794231)
[22] 2012-10-31

---

[11] **2,794,581**
[13] C
[51] **Int.Cl. A61K 31/47 (2006.01) A61P 19/10 (2006.01)**
[25] EN
[54] **METHOD OF TREATING OSTEOPOROSIS**
[54] **PROCEDE DE TRAITEMENT DE L'OSTEOPOROSE**
[72] SHESHBARADARAN, HOOSHMAND, US
[73] LEXI PHARMA INC., CA
[85] 2012-09-26
[86] 2010-03-30 (PCT/US2010/029285)
[87] (WO2010/114861)
[30] US (61/164,856) 2009-03-30

---

[11] **2,794,726**
[13] C
[51] **Int.Cl. G02B 1/04 (2006.01) A61F 2/16 (2006.01) C07D 249/18 (2006.01) C09B 69/10 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENSES WITH COMBINATIONS OF UV ABSORBERS AND BLUE LIGHT CHROMOPHORES**
[54] **LENTILLES INTRAOCULAIRES CONTENANT DES COMBINAISONS D'ABSORBEURS D'UV ET DE CHROMOPHORES DE LUMIERE BLEUE**
[72] LAREDO, WALTER R., US
[72] AKINAY, ALI E., US
[73] NOVARTIS AG, CH
[85] 2012-09-26
[86] 2011-04-27 (PCT/US2011/034044)
[87] (WO2011/137142)
[30] US (61/329,218) 2010-04-29

---

[11] **2,794,919**
[13] C
[51] **Int.Cl. A61K 36/71 (2006.01) A61P 17/14 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FORMULATIONS AND METHODS FOR PREVENTING EYEBROW HAIR LOSS**
[54] **FORMULATIONS ET PROCEDES POUR EVITER LA PERTE DES POILS DE SOURCIL**
[72] VESTEVICH, RENATA MARIE, US
[72] NANDAGIRI, ARUN, US
[73] RMV TRADEMARKS, LLC, US
[86] (2794919)
[87] (2794919)
[22] 2012-11-13

[11] **2,795,400**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) C12N 15/113 (2010.01) A61K 38/10 (2006.01) A61K 39/395 (2006.01) A61P 13/12 (2006.01) C07K 7/64 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **PREVENTION AND TREATMENT OF CAST NEPHROPATHY**
[54] **PREVENTION ET TRAITEMENT DE LA NEPHROPATHIE PAR CYLINDRES**
[72] SANDERS, PAUL W., US
[73] THE UAB RESEARCH FOUNDATION, US
[73] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2012-10-02
[86] 2011-04-01 (PCT/US2011/031005)
[87] (WO2011/123826)
[30] US (61/320,344) 2010-04-02

---

[11] **2,795,676**
[13] C
[51] **Int.Cl. H04R 1/34 (2006.01) G10K 11/02 (2006.01)**
[25] EN
[54] **LOUDSPEAKER APPARATUS WITH SURROUNDING, FUNNEL-LIKE SOUND OUTLET OPENING**
[54] **DISPOSITIF HAUT-PARLEUR A OUVERTURE DE SORTIE DU SON PERIPHERIQUE, EN FORME GENERALE D'ENTONNOIR**
[72] HELD, FRANK, DE
[73] HELD, FRANK, DE
[85] 2012-10-05
[86] 2011-05-26 (PCT/EP2011/058615)
[87] (WO2011/147902)
[30] DE (10 2010 021 879.0) 2010-05-28

---

[11] **2,795,733**
[13] C
[51] **Int.Cl. A41B 13/06 (2006.01) A41D 27/28 (2006.01)**
[25] EN
[54] **BREATHABLE GARMENT AND METHOD OF USE**
[54] **VETEMENT PERMEABLE A L'AIR ET SON PROCEDE D'UTILISATION**
[72] WATERS, SUSAN MARIE, US
[72] WATERS, DALE RICHARD, US
[73] BREATHABLEBABY, LLC, US
[85] 2012-10-05
[86] 2011-04-06 (PCT/US2011/031325)
[87] (WO2011/127110)
[30] US (12/755,547) 2010-04-07

---

[11] **2,795,894**
[13] C
[51] **Int.Cl. A61L 17/04 (2006.01) D02G 3/22 (2006.01) D02G 3/38 (2006.01) D04C 1/12 (2006.01)**
[25] EN
[54] **MULTIFILAMENT YARN CONSTRUCTION**
[54] **STRUCTURE DE FIL MULTIFILAMENT**
[72] NELIS, MISCHA, NL
[72] MARISSEN, ROELOF, NL
[72] WIERMANS, MANDY MARIA JOZEFINA, NL
[73] DSM IP ASSETS B.V., NL
[85] 2012-10-05
[86] 2011-04-29 (PCT/EP2011/056855)
[87] (WO2011/135082)
[30] EP (10161483.2) 2010-04-29

---

[11] **2,796,066**
[13] C
[51] **Int.Cl. A61C 11/02 (2006.01)**
[25] EN
[54] **DYNAMICALLY GENERATED DENTAL ARTICULATOR CONTROLS**
[54] **COMMANDES D'ARTICULATEUR DENTAIRE GENEREES DE FACON DYNAMIQUES**
[72] PRESSWOOD, RONALD G., US
[72] PRESSWOOD, RONALD G., JR., US
[73] PRESSWOOD, RONALD G., US
[73] PRESSWOOD, RONALD G., JR., US
[85] 2012-10-10
[86] 2011-04-15 (PCT/US2011/032674)
[87] (WO2011/130621)
[30] US (61/325,200) 2010-04-16

---

[11] **2,796,498**
[13] C
[51] **Int.Cl. E06B 9/262 (2006.01)**
[25] EN
[54] **CONICAL CORD-WINDING SPOOL WITH CIRCUMFERENTIAL STEPS**
[54] **BOBINE D'ENROULEMENT DE CORDON DE FORME CONIQUE ET AYANT DES MARCHES CIRCONFERENTIELLES**
[72] DEKKER, NICOLAAS, NL
[72] SLOBBE, CHRISTIANUS WILFRED MICHAEL, NL
[73] HUNTER DOUGLAS INDUSTRIES B.V., NL
[85] 2012-10-15
[86] 2011-04-01 (PCT/EP2011/001656)
[87] (WO2011/128028)
[30] EP (10004038.5) 2010-04-16

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[11] **2,797,074**
[13] C
[51] **Int.Cl. H04B 1/44 (2006.01) H04B 1/10 (2006.01) H04B 15/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING INTERFERENCE IN A COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE GERER L'INTERFERENCE DANS UN DISPOSITIF DE COMMUNICATION**
[72] MANSSEN, KEITH R., US
[72] GREENE, MATTHEW R., US
[72] SMITH, WAYNE E., US
[72] SCHLUETER, DAVID M., US
[72] SPEARS, JOHN H., US
[73] BLACKBERRY LIMITED, CA
[85] 2012-10-16
[86] 2011-04-20 (PCT/US2011/033228)
[87] (WO2011/133657)
[30] US (61/326,206) 2010-04-20

[11] 2,797,207
[13] C
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SYRINGE BARREL ADAPTER AND NEEDLE ASSEMBLY**
[54] **ADAPTATEUR DE CYLINDRE DE SERINGUE ET ENSEMBLE AIGUILLE**
[72] THORLEY, CRAIG STEPHEN, AU
[72] KAAL, JOSEPH HERMES, AU
[72] RAFFERTY, CHRISTOPHER CHARLES, AU
[73] UNITRACT SYRINGE PTY LTD, AU
[85] 2012-10-23
[86] 2011-05-04 (PCT/AU2011/000515)
[87] (WO2011/137488)
[30] US (61/331,197) 2010-05-04

---

[11] 2,797,659
[13] C
[51] **Int.Cl. A01N 59/00 (2006.01) A61L 2/18 (2006.01) B08B 9/027 (2006.01) C02F 1/50 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **CONTROL OF BACTERIAL ACTIVITY, SUCH AS IN SEWERS AND WASTEWATER TREATMENT SYSTEMS**
[54] **CONTROLE DE L'ACTIVITE BACTERIENNE DANS LES EGOUTS ET LES SYSTEMES DE TRAITEMENT DES EAUX USEES**
[72] YUAN, ZHIGUO, AU
[72] JIANG, GUANGMING, AU
[72] GUTIERREZ GARCIA-MORENO, ORIOL, ES
[73] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2012-10-26
[86] 2011-04-27 (PCT/AU2011/000481)
[87] (WO2011/134010)
[30] AU (2010901790) 2010-04-28
[30] AU (2011901238) 2011-04-04

---

[11] 2,797,850
[13] C
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/32 (2006.01) E06B 9/326 (2006.01)**
[25] EN
[54] **CORD TENSION CONTROL FOR TOP DOWN/BOTTOM UP COVERING FOR ARCHITECTURAL OPENINGS**
[54] **REGULATION DE TENSION DE CORDONS POUR COUVERTURE DE HAUT EN BAS / DE BAS EN HAUT POUR OUVERTURES ARCHITECTURALES**
[72] FUJITA, SUZANNE M., US
[72] DREW, TERRENCE M., US
[72] FEARNOW, JON C., US
[72] SPRAY, JEFFREY L., US
[73] HUNTER DOUGLAS INC., US
[85] 2012-10-29
[86] 2011-05-11 (PCT/US2011/036122)
[87] (WO2012/150946)
[30] US (PCT/US2011/034239) 2011-04-28

---

[11] 2,798,094
[13] C
[51] **Int.Cl. E21B 43/01 (2006.01) B63B 35/32 (2006.01) B63B 35/44 (2006.01) B63C 11/00 (2006.01) E02B 15/00 (2006.01)**
[25] EN
[54] **SUBMERGED HYDROCARBON RECOVERY APPARATUS**
[54] **APPAREIL DE RECUPERATION D'HYDROCARBURES SUBMERGE**
[72] KUELKER, THOMAS JOSEPH, CA
[72] VARNEY, BRIAN WILSON, CA
[73] OXUS RECOVERY SOLUTIONS INC., CA
[85] 2012-11-01
[86] 2011-05-03 (PCT/CA2011/050269)
[87] (WO2011/137535)
[30] US (61/331,383) 2010-05-04
[30] US (61/347,369) 2010-05-21

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[11] 2,798,113
[13] C
[51] **Int.Cl. A23L 29/20 (2016.01) A23L 19/00 (2016.01) A23L 27/60 (2016.01) A23L 29/231 (2016.01)**
[25] EN
[54] **TOMATO-DERIVED THICKENING AGENT**
[54] **AGENT EPAISSISSANT ISSU DE TOMATE**
[72] DUBBELMAN, SANDER, NL
[72] MAVROUDIS, NIKOLAOS, NL
[72] OLIEHOEK, LEANDRO, BR
[73] UNILEVER PLC, GB
[85] 2012-10-31
[86] 2011-04-18 (PCT/EP2011/056150)
[87] (WO2011/138163)
[30] EP (10 161 702.5) 2010-05-03

---

[11] 2,798,196
[13] C
[51] **Int.Cl. C07G 1/00 (2011.01) C08L 91/06 (2006.01) C08L 97/00 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **DERIVATIVES OF NATIVE LIGNIN, LIGNIN-WAX COMPOSITIONS, THEIR PREPARATION, AND USES THEREOF**
[54] **DERIVES DE LIGNINE NATURELLE, COMPOSITIONS DE LIGNINE-CIRE, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] BERLIN, ALEX, CA
[72] MULYK, PAUL, CA
[73] FIBRIA INNOVATIONS INC., CA
[85] 2012-11-01
[86] 2010-05-27 (PCT/CA2010/000801)
[87] (WO2010/135833)
[30] US (61/182,044) 2009-05-28
[30] US (61/233,345) 2009-08-12

[11] **2,798,226**
[13] C
[51] **Int.Cl. G01B 11/275 (2006.01)**
[25] EN
[54] **SYSTEM AND RELATED METHOD FOR DETERMINING VEHICLE WHEEL ALIGNMENT**
[54] **SYSTEME ET PROCEDE APPARENTE DE DETERMINATION DE L'ALIGNEMENT DE ROUE D'UN VEHICULE**
[72] CERRUTI, PIERO, IT
[72] MANGANELLI, FAUSTO, IT
[73] SPACE S.R.L. CON UNICO SOCIO, IT
[85] 2012-11-01
[86] 2011-05-05 (PCT/IB2011/000955)
[87] (WO2011/138662)
[30] IT (TO2010A000377) 2010-05-05

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[11] **2,798,694**
[13] C
[51] **Int.Cl. A23C 9/13 (2006.01) A23C 9/137 (2006.01) A23C 9/152 (2006.01) A23F 5/24 (2006.01) B65D 51/00 (2006.01)**
[25] EN
[54] **BEVERAGE PRODUCT WITH STABLE DAIRY FOAM**
[54] **BOISSON POURVUE D'UNE MOUSSE DE LAIT STABLE**
[72] CHANET, BENJAMIN, FR
[72] MOREAU, JEAN, FR
[72] SERRE, JEAN-EMMANUEL, FR
[72] MANCHO, JOSE, FR
[73] NESTEC S.A., CH
[85] 2012-11-06
[86] 2011-05-03 (PCT/EP2011/057073)
[87] (WO2011/138339)
[30] EP (10162291.8) 2010-05-07

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[11] **2,799,026**
[13] C
[51] **Int.Cl. G02F 1/1339 (2006.01)**
[25] EN
[54] **METHODS OF MAKING AND REPAIRING RESIZED FLAT PANEL DISPLAYS**
[54] **PROCEDES DE FABRICATION ET DE REPARATION D'AFFICHAGES A PANNEAU PLAT REDIMENSIONNES**
[72] TANNAS, LAWRENCE E., JR., US
[73] TANNAS, LAWRENCE E., JR., US
[85] 2012-11-09
[86] 2011-04-11 (PCT/US2011/031989)
[87] (WO2011/146173)
[30] US (12/781,624) 2010-05-17

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[11] **2,799,101**
[13] C
[51] **Int.Cl. A23C 9/123 (2006.01)**
[25] EN
[54] **SYNERGISTIC FERMENTATION OF LACTOBACILLUS RHAMNOSUS AND LACTOBACILLUS PARACASEI SUBSP PARACASEI**
[54] **FERMENTATION SYNERGIQUE DE LACTOBACILLUS RHAMNOSUS ET DE LACTOBACILLUS PARACASEI SUBSP. PARACASEI**
[72] DAVAL, CHRISTOPHE, FR
[72] DEBRU, FRANCOIS, FR
[72] LAVERGNE, DAMIEN, FR
[73] COMPAGNIE GERVAIS DANONE, FR
[85] 2012-11-09
[86] 2011-05-11 (PCT/IB2011/052072)
[87] (WO2011/141881)
[30] IB (PCT/IB2010/001400) 2010-05-12

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[11] **2,799,858**
[13] C
[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **MALICIOUS ATTACK DETECTION AND ANALYSIS**
[54] **DETECTION ET ANALYSE D'ATTAQUE HOSTILE**
[72] SCOTT, ANTHONY DAVID, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2012-11-19
[86] 2011-05-10 (PCT/US2011/035888)
[87] (WO2011/146284)
[30] US (61/346,787) 2010-05-20

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[11] **2,800,125**
[13] C
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 37/40 (2006.01) A01N 57/20 (2006.01)**
[25] EN
[54] **MICROENCAPSULATED OILS FOR CONTROLLING PESTICIDE SPRAY DRIFT**
[54] **HUILES MICROENCAPSULEES POUR CONTROLER UNE DERIVE DE PULVERISATION DE PESTICIDE**
[72] WILSON, STEPHEN L., US
[72] DOWNER, BRANDON M., US
[72] QIN, KUIDE, US
[72] LIU, LEI, US
[72] TANK, HOLGER, US
[72] LI, MEI, US
[72] OUSE, DAVID G., US
[72] ZHANG, HONG, US
[73] DOW AGROSCIENCES LLC, US
[85] 2012-11-20
[86] 2011-06-07 (PCT/US2011/039376)
[87] (WO2011/156320)
[30] US (61/352,505) 2010-06-08

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[11] **2,800,829**
[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01J 29/072 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ELIMINATING NOX AND N2O**
[54] **PROCEDE ET DISPOSITIF SERVANT A L'ELIMINATION DE NOX ET DE N2O**
[72] SCHWEFER, MEINHARD, DE
[72] GROVES, MICHAEL, DE
[72] PERBANDT, CHRISTIAN, DE
[72] SIEFERT, ROLF, DE
[73] THYSSENKRUPP UHDE GMBH, DE
[85] 2012-11-27
[86] 2011-05-09 (PCT/EP2011/002304)
[87] (WO2011/151006)
[30] DE (10 2010 022 755.7) 2010-06-04

[11] **2,800,831**
[13] C
[51] **Int.Cl. G06F 3/12 (2006.01)**
[25] EN
[54] **OPTIMIZED FONT SUBSETTING FOR A PRINT PATH**
[54] **SOUS-ENSEMBLE DE POLICE DE CARACTERES OPTIMISE POUR UNE TRAJECTOIRE D'IMPRESSION**
[72] GURCAN, AHMET, US
[72] WIDJAJA, HERMAN, US
[72] IVANOV, HRISTO, US
[72] SINGH, HARVINDER, US
[72] VEDBRAT, KANWAL, US
[72] KNAUFF, ADAM, US
[72] LU, JIANYE, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-11-26
[86] 2011-06-20 (PCT/US2011/041031)
[87] (WO2011/163107)
[30] US (12/820,454) 2010-06-22

[11] **2,801,573**
[13] C
[51] **Int.Cl. G06F 9/445 (2018.01) G06F 9/448 (2018.01)**
[25] EN
[54] **DYNAMICALLY LOADING GRAPH-BASED COMPUTATIONS**
[54] **CHARGEMENT DYNAMIQUE DE CALCULS BASES SUR DES GRAPHES**
[72] ATTERBURY, MATTHEW DARCY, US
[72] BROMLEY, H. MARK, US
[72] MESARD, WAYNE, US
[72] POPOV, ARKADI, US
[72] SCHMIDT, STEPHEN, US
[72] STANFILL, CRAIG W., US
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2012-12-04
[86] 2011-06-15 (PCT/US2011/040440)
[87] (WO2011/159759)
[30] US (61/355,129) 2010-06-15

[11] **2,801,807**
[13] C
[51] **Int.Cl. C07D 213/28 (2006.01) A61K 49/00 (2006.01) A61K 49/04 (2006.01) C07D 215/14 (2006.01)**
[25] EN
[54] **X-RAY AND GAMMA-PHOTON ACTIVABLE ORGANIC COMPOUNDS, THEIR PREPARATION AND THEIR USES**
[54] **COMPOSES ORGANIQUES ACTIVABLES PAR LES RAYONS X ET LES PHOTONS GAMMA, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] DALKO, PETER, FR
[72] PETIT, MORGANE, FR
[72] OGDEN, DAVID, FR
[72] BORT, GUILLAUME, FR
[72] SICARD, CECILE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE RENE DESCARTES (PARIS V), FR
[85] 2012-12-05
[86] 2011-06-15 (PCT/IB2011/052595)
[87] (WO2011/158189)
[30] EP (10290323.4) 2010-06-15

[11] **2,802,161**
[13] C
[51] **Int.Cl. C07F 17/02 (2006.01)**
[25] EN
[54] **METHOD OF SYNTHESIS OF FERROQUINE BY CONVERGENT REDUCTIVE AMINATION**
[54] **PROCEDE DE SYNTHESE DE FERROQUINE PAR AMINATION REDUCTRICE CONVERGENTE**
[72] FEREY, VINCENT, FR
[72] MATEOS-CARO, JULIA, FR
[72] MONDIERE, REGIS, FR
[72] VAYRON, PHILIPPE, FR
[72] VIGNE, SYLVIE, FR
[73] SANOFI, FR
[85] 2012-12-10
[86] 2011-06-10 (PCT/IB2011/052536)
[87] (WO2011/154923)
[30] FR (1054625) 2010-06-11

[11] **2,802,164**
[13] C
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HANDLING PEERS WITH DYNAMIC IP CONNECTIVITY STATUS IN PEER-TO-PEER NETWORKS**
[54] **PROCEDE ET APPAREIL DE GESTION DE POSTES A ETAT DE CONNECTIVITE IP DYNAMIQUE DANS RESEAUX POSTE A POSTE**
[72] WU, WEI, US
[72] CHOI, NOUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2012-12-10
[86] 2011-06-10 (PCT/US2011/040000)
[87] (WO2011/156725)
[30] US (12/814,044) 2010-06-11

[11] **2,802,473**
[13] C
[51] **Int.Cl. A47C 9/02 (2006.01) A47B 83/02 (2006.01)**
[25] EN
[54] **SEATING SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE SIEGE**
[72] BRADLEY, JAMES DAVID, US
[73] SICO INCORPORATED, US
[85] 2012-12-11
[86] 2011-07-18 (PCT/US2011/044372)
[87] (WO2012/012337)
[30] US (61/365,723) 2010-07-19

[11] **2,803,128**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01) H02J 50/20 (2016.01) G02C 7/02 (2006.01) H02J 7/00 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **OPHTHALMIC DEVICES AND METHODS WITH APPLICATION-SPECIFIC INTEGRATED CIRCUITS**
[54] **DISPOSITIFS OPHTALMIQUES ET PROCEDES AVEC CIRCUITS INTEGRES A APPLICATION SPECIFIQUE**
[72] FEHR, JEAN-NOEL, US
[72] DOLL, WALTER, US
[72] SCHNELL, URBAN, US
[73] ELENZA, INC., US
[85] 2012-12-18
[86] 2011-06-17 (PCT/US2011/040896)
[87] (WO2011/163080)
[30] US (61/356,619) 2010-06-20

[11] **2,803,145**
[13] C
[51] **Int.Cl. E06B 9/262 (2006.01) E06B 9/26 (2006.01)**
[25] EN
[54] **PLASTIC DOUBLE-CELL COVERING FOR ARCHITECTURAL OPENINGS**
[54] **PROTECTION EN PLASTIQUE A DOUBLES CELLULES POUR DES OUVERTURES ARCHITECTURALES**
[72] MALKAN, SANJIV R., US
[73] HUNTER DOUGLAS INC., US
[85] 2012-12-18
[86] 2011-06-21 (PCT/US2011/041217)
[87] (WO2011/163205)
[30] US (61/357,635) 2010-06-23

[11] **2,803,149**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **REPLACEMENT HEART VALVE**
[54] **PROTHESE DE VALVULE CARDIAQUE**
[72] QUADRI, ARSHAD, US
[72] RATZ, BRENT J., US
[72] LIAO, YEN, US
[72] KOMATSU, STAN, US
[72] THYGARAJAN, KALATHI, US
[72] MICHIELS, ROBRECHT, US
[72] NGUYEN, HUNG, US
[72] NGUYEN, MYKIM, US
[73] EDWARDS LIFESCIENCES CARDIAQ LLC, US
[85] 2012-12-18
[86] 2011-06-21 (PCT/US2011/041306)
[87] (WO2011/163275)
[30] US (61/357,048) 2010-06-21

[11] **2,803,607**
[13] C
[51] **Int.Cl. G01B 11/00 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR INCREASING MEASUREMENT ACCURACY IN A PARTICLE IMAGING DEVICE**
[54] **APPAREIL, SYSTEME ET PROCEDE D'AUGMENTATION DE LA PRECISION DE MESURE DANS DISPOSITIF D'IMAGERIE DE PARTICULES**
[72] ROTH, WAYNE DENNIS, US
[72] FISHER, MATTHEW S., US
[73] LUMINEX CORPORATION, US
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042317)
[87] (WO2012/012163)
[30] US (12/827,800) 2010-06-30

[11] **2,803,877**
[13] C
[51] **Int.Cl. F16M 11/04 (2006.01) A61F 9/007 (2006.01) A61H 35/02 (2006.01) A61M 3/02 (2006.01)**
[25] EN
[54] **MOUNTING ARRANGEMENT FOR A PRESSURIZED IRRIGATION SYSTEM**
[54] **DISPOSITIF DE MONTAGE POUR SYSTEME D'IRRIGATION A PRESSION**
[72] WILSON, DANIEL J., US
[72] CHON, JAMES Y., US
[73] ALCON RESEARCH, LTD., US
[85] 2012-12-21
[86] 2011-06-28 (PCT/US2011/042075)
[87] (WO2012/015552)
[30] US (12/844,257) 2010-07-27

[11] **2,804,011**
[13] C
[51] **Int.Cl. B65D 1/40 (2006.01) B08B 3/08 (2006.01) B41J 3/00 (2006.01) B41J 3/407 (2006.01) B41J 17/14 (2006.01)**
[25] EN
[54] **RECYCLABLE PRINTED PLASTIC CONTAINER AND METHOD**
[54] **RECIPIENT EN MATIERE PLASTIQUE IMPRIMEE RECYCLABLE ET PROCEDE**
[72] UPTERGROVE, RONALD L., US
[72] MROZINSKI, BRENT, US
[73] PLASTIPAK PACKAGING, INC., US
[85] 2012-12-27
[86] 2011-06-28 (PCT/US2011/042193)
[87] (WO2012/003186)
[30] US (61/360,512) 2010-07-01
[30] US (13/168,181) 2011-06-24

[11] **2,804,017**
[13] C
[51] **Int.Cl. E02F 9/22 (2006.01)**
[25] EN
[54] **AUTOMATED SHIFTING OF HYDRAULIC DRIVE SYSTEMS**
[54] **COMMANDE DE VITESSE AUTOMATIQUE DE SYSTEMES D'ENTRAINEMENT HYDRAULIQUES**
[72] LACHER, PATRICK P., US
[72] KRIEGER, DANIEL J., US
[72] MATT, GUNTER G., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2012-12-27
[86] 2012-03-02 (PCT/US2012/027513)
[87] (WO2012/119089)
[30] US (61/448,940) 2011-03-03

[11] **2,804,474**
[13] C
[51] **Int.Cl. A61C 3/025 (2006.01)**
[25] EN
[54] **NOZZLE FOR A POLISHER**
[54] **BUSE POUR POLISSEUR**
[72] CASABONNE, THIERRY, FR
[72] RUELLAN, VIANNEY JM, FR
[72] SAXER, ULRICH, CH
[73] SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES, FR
[85] 2013-01-04
[86] 2011-07-04 (PCT/FR2011/051570)
[87] (WO2012/004505)
[30] FR (1055510) 2010-07-07

[11] 2,804,854
[13] C
[51] **Int.Cl. F04D 27/02 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR COMPOSITION BASED COMPRESSOR CONTROL AND PERFORMANCE MONITORING**
[54] **PROCEDE ET APPAREIL DE COMMANDE D'UN COMPRESSEUR ET DE SURVEILLANCE DE SES PERFORMANCES SUR LA BASE D'UNE COMPOSITION**
[72] BRENNE, LARS, NO
[72] HOYDAL, JAN, NO
[73] STATOIL ASA, NO
[85] 2013-01-09
[86] 2011-07-14 (PCT/EP2011/062078)
[87] (WO2012/007553)
[30] NO (20101007) 2010-07-14

---

[11] 2,805,231
[13] C
[51] **Int.Cl. C08F 210/16 (2006.01) B29C 45/00 (2006.01) C08F 4/6592 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **ETHYLENE COPOLYMER HAVING IMPROVED HYGIENIC PROPERTY AND PROCESS FOR PREPARING THE SAME**
[54] **COPOLYMERE D'ETHYLENE AYANT UNE PROPRIETE HYGIENIQUE AMELIOREE ET PROCEDE DE PREPARATION DUDIT COPOLYMERE**
[72] KWON, SEUNG BUM, KR
[72] OH, SE WON, KR
[72] HAM, HYEONG TAEK, KR
[72] SHIM, CHOON SIK, KR
[72] CHAE, SUNG SEOK, KR
[72] SHIN, DAE HO, KR
[73] SABIC SK NEXLENE COMPANY PTE. LTD., SG
[85] 2013-01-11
[86] 2011-09-16 (PCT/KR2011/006851)
[87] (WO2012/039560)
[30] KR (10-2010-0092366) 2010-09-20

---

[11] 2,805,246
[13] C
[51] **Int.Cl. B29C 45/28 (2006.01)**
[25] EN
[54] **IMPROVED CLOSURE ASSEMBLY, WITH A MULTI-ROD DRIVE, FOR THE INJECTION MOULDING OF PLASTIC MATERIAL**
[54] **ENSEMBLE DE FERMETURE PERFECTIONNE, A ENTRAINEMENT DE TIGES MULTIPLES, POUR LE MOULAGE PAR INJECTION D'UNE MATIERE PLASTIQUE**
[72] ENRIETTI, ROBERTO, IT
[73] THERMOPLAY S.P.A., IT
[85] 2013-01-11
[86] 2011-07-18 (PCT/IT2011/000252)
[87] (WO2012/011139)
[30] IT (BI2010A000010) 2010-07-20

---

[11] 2,806,661
[13] C
[51] **Int.Cl. F01D 17/16 (2006.01)**
[25] FR
[54] **DEVICE FOR CONTROLLING PIVOTING BLADES OF A TURBINE ENGINE**
[54] **DISPOSITIF DE COMMANDE D'AUBES PIVOTANTES DE TURBOMACHINE**
[72] COLETTE, CHRISTOPHE, FR
[72] LALANNE, BERNARD, FR
[73] TURBOMECA, FR
[85] 2013-01-25
[86] 2011-07-28 (PCT/FR2011/051833)
[87] (WO2012/013909)
[30] FR (1056338) 2010-07-30

---

[11] 2,806,710
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/048 (2006.01) A61B 5/08 (2006.01) G06K 9/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR ELECTROENCEPHALOGRAPHIC DETECTION OF AN INADEQUATENESS BETWEEN THE STATE OF A PATIENT PLACED UNDER RESPIRATORY ASSISTANCE AND THE CONTROL OF THE MACHINE USED FOR THIS ASSISTANCE, AND USE OF THIS DETECTION TO ADJUST THE CONTROL**
[54] **SYSTEME DE DETECTION ELECTROENCEPHALOGRAPHIQUE D'UNE INADEQUATION ENTRE L'ETAT D'UN PATIENT PLACE SOUS ASSISTANCE VENTILATOIRE ET LE REGLAGE DE LA MACHINE UTILISEE POUR CETTE ASSISTANCE, ET UTILISATION DE CETTE DETECTION POUR L'ADAPTATION DU REGLAGE**
[72] SIMILOWSKI, THOMAS, FR
[72] RAUX, MATHIEU, FR
[72] TYVAERT, LOUISE, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[73] UNIVERSITE LILLE 2, FR
[73] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE, FR
[85] 2013-01-04
[86] 2011-07-06 (PCT/FR2011/051611)
[87] (WO2012/004534)
[30] FR (1055515) 2010-07-07

---

[11] 2,807,319
[13] C
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **TABLET SLEEVE FOR IMPROVED PERFORMANCE**
[54] **GAINE DE COMPRIME POUR PERFORMANCE AMELIOREE**
[72] WALDMAN, JOEL, US
[73] MCNEIL-PPC, INC., US
[85] 2013-01-31
[86] 2011-08-17 (PCT/US2011/048024)
[87] (WO2012/024360)
[30] US (61/374,675) 2010-08-18

[11] **2,807,479**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, SOFTWARE AND INTERFACES FOR PERFORMING ENHANCED DOCUMENT PROCESSING AND ENGAGEMENT OUTLINING**
[54] **SYSTEMES, PROCEDES, LOGICIELS ET INTERFACES PERMETTANT D'EFFECTUER UN TRAITEMENT DE DOCUMENT ET UNE ELABORATION D'ENGAGEMENT AMELIORES**
[72] LARSON, CRAIG ALAN, US
[72] KOCH, KEVIN SCOTT, US
[72] DEMOSS, DAVID WAYNE, US
[73] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2013-02-04
[86] 2011-08-04 (PCT/US2011/046606)
[87] (WO2012/019013)
[30] US (61/400,984) 2010-08-05
[30] US (12/979,867) 2010-12-28

---

[11] **2,807,631**
[13] C
[51] **Int.Cl. A01N 43/56 (2006.01) A01C 1/06 (2006.01) A01G 7/06 (2006.01) A01N 43/58 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT DISEASE CONTROLLING COMPOSITIONS COMPRISING A CARBOXAMIDE COMPOUND AND A PYRIDAZINE COMPOUND**
[54] **COMPOSITIONS DE CONTROLE DE MALADIE DE VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET UN COMPOSE PYRIDAZINE**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-02-06
[86] 2011-08-09 (PCT/JP2011/068200)
[87] (WO2012/020778)
[30] JP (2010-179304) 2010-08-10

---

[11] **2,808,651**
[13] C
[51] **Int.Cl. A01K 21/00 (2006.01)**
[25] EN
[54] **ESTROUS CYCLE MONITORING BY COLOR RESPONSE**
[54] **SURVEILLANCE DE CYCLE □STRAL PAR REPONSE COLOREE**
[72] GOLDMAN, DOROTHEE, US
[73] ORATEL DIAGNOSTICS, LLC, US
[85] 2013-02-18
[86] 2011-08-04 (PCT/US2011/046586)
[87] (WO2012/024095)
[30] US (61/375,496) 2010-08-20
[30] US (61/421,853) 2010-12-10

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[11] **2,808,711**
[13] C
[51] **Int.Cl. F16F 9/14 (2006.01) A47C 1/024 (2006.01) B60N 2/22 (2006.01) B60N 2/30 (2006.01) B60N 2/36 (2006.01)**
[25] EN
[54] **ROTATIONAL DAMPER AND VEHICLE SEAT WITH THE ROTATIONAL DAMPER**
[54] **AMORTISSEUR ROTATIF ET SIEGE DE VEHICULE EQUIPE DE L'AMORTISSEUR ROTATIF**
[72] OKIMURA, AKIHIKO, JP
[72] HORITA, NAOHIRO, JP
[73] OILES CORPORATION, JP
[85] 2013-02-18
[86] 2011-07-06 (PCT/JP2011/065452)
[87] (WO2012/039182)
[30] JP (2010-211581) 2010-09-22

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[11] **2,809,020**
[13] C
[51] **Int.Cl. H01C 7/12 (2006.01) H01H 85/048 (2006.01)**
[25] EN
[54] **PLUGGABLE METAL OXIDE SURGE ARRESTER**
[54] **LIMITEUR DE SURTENSION ENFICHABLE A OXYDE METALLIQUE**
[72] DOUGLASS, ROBERT STEPHEN, US
[72] KAMATH, HUNDI PANDURANGA, US
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-02-20
[86] 2011-08-18 (PCT/US2011/048239)
[87] (WO2012/027193)
[30] US (12/870,452) 2010-08-27

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[11] **2,809,321**
[13] C
[51] **Int.Cl. A61K 38/22 (2006.01) A61P 3/04 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01) C07K 14/575 (2006.01)**
[25] EN
[54] **USE OF AVE0010 FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF DIABETES MELLITUS TYPE 2**
[54] **UTILISATION DE LIXISENATIDE POUR FABRICATION DE MEDICAMENT POUR TRAITEMENT DU DIABETE SUCRE DE TYPE 2**
[72] BOKA, GABOR, FR
[72] MIOSSEC, PATRICK, FR
[72] SILVESTRE, LOUISE, FR
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2013-02-25
[86] 2010-08-30 (PCT/EP2010/062638)
[87] (WO2012/028172)

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[11] **2,810,938**
[13] C
[51] **Int.Cl. B60K 6/44 (2007.10) B60K 6/36 (2007.10) B60K 6/38 (2007.10) B60K 6/40 (2007.10)**
[25] EN
[54] **POWERTRAIN SYSTEM FOR HYBRID VEHICLES HAVING COMPOUND AND SPLIT MODES OF OPERATION**
[54] **SYSTEME MOTOPROPULSEUR POUR VEHICULES HYBRIDES COMPORTANT LES MODES DE FONCTIONNEMENT COMPOSE ET DIVISE**
[72] SUNTHARALINGAM, PIRANAVAN, CA
[72] EMADI, ALI, CA
[73] MCMASTER UNIVERSITY, CA
[86] (2810938)
[87] (2810938)
[22] 2013-03-26
[30] US (61/615,649) 2012-03-26

[11] **2,810,945**
[13] C
[51] **Int.Cl. B60K 6/44 (2007.10) B60K 6/38 (2007.10) B60K 6/40 (2007.10)**
[25] EN
[54] **POWERTRAIN SYSTEM FOR HYBRID VEHICLES HAVING MULTIPLE MODES OF OPERATION**
[54] **SYSTEME MOTOPROPULSEUR POUR VEHICULES HYBRIDES COMPORTANT PLUSIEURS MODES DE FONCTIONNEMENT**
[72] SUNTHARALINGAM, PIRANAVAN, CA
[72] EMADI, ALI, CA
[73] MCMASTER UNIVERSITY, CA
[86] (2810945)
[87] (2810945)
[22] 2013-03-26
[30] US (61/615,663) 2012-03-26

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[11] **2,811,282**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **TREATMENT DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE TRAITEMENT ET PROCEDE D'UTILISATION**
[72] DAVIS, NOEL MARTIN, GB
[72] BACHELOR, PETER JOHN, GB
[73] BREAS MEDICAL LIMITED, SE
[85] 2013-03-13
[86] 2011-09-27 (PCT/GB2011/051825)
[87] (WO2012/042255)
[30] GB (1016304.0) 2010-09-28
[30] GB (1109796.1) 2011-06-13

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[11] **2,811,483**
[13] C
[51] **Int.Cl. F24H 3/10 (2006.01) F24D 5/02 (2006.01) F24H 9/02 (2006.01)**
[25] EN
[54] **DUAL CHIMNEY FLAT PANEL CONVECTION AIR SPACE HEATER**
[54] **APPAREIL DE CHAUFFAGE AUTONOME PAR CONVECTION D'AIR A DOUBLE PANNEAU PLAT A CHEMINEES**
[72] MCCOURT, MARK J., US
[73] MCCOURT, MARK J., US
[85] 2013-03-15
[86] 2010-09-29 (PCT/US2010/050727)
[87] (WO2011/043971)
[30] US (12/575,759) 2009-10-08

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[11] **2,811,681**
[13] C
[51] **Int.Cl. C12P 19/02 (2006.01)**
[25] EN
[54] **ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL IN THE PRESENCE OF SULFITE, DITHIONITE AND/OR DITHIOTHREITOL**
[54] **HYDROLYSE ENZYMATIQUE DE MATIERE LIGNOCELLULOSIQUE EN PRESENCE DE SULFITE, DITHIONITE ET/OU DITHIOTHREITOL**
[72] ALRIKSSON, BJORN, SE
[72] JONSSON, LEIF, SE
[72] SOUDHAM, VENKATA PRABHAKAR, SE
[73] SEKAB E-TECHNOLOGY AB, SE
[85] 2013-03-19
[86] 2010-10-06 (PCT/SE2010/051080)
[87] (WO2012/047139)

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[11] **2,811,808**
[13] C
[51] **Int.Cl. A61C 5/40 (2017.01)**
[25] EN
[54] **ENDODONTIC INSTRUMENT, THE ACTIVE PORTION OF WHICH HAS A SLOT FORMING A PASSAGE FOR A FLUID**
[54] **INSTRUMENT ENDODONTIQUE DONT LA PARTIE ACTIVE PRESENTE UNE FENTE FORMANT PASSAGE POUR UN FLUIDE**
[72] PERNOT, JACQUES, FR
[72] EUVRARD, HUBERT, FR
[72] COLON, PIERRE, FR
[72] VULCAIN, JEAN-MARIE, FR
[73] NEOLIX, FR
[85] 2013-03-20
[86] 2011-09-20 (PCT/EP2011/066338)
[87] (WO2012/038435)
[30] FR (1003743) 2010-09-21

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[11] **2,812,492**
[13] C
[51] **Int.Cl. C08F 2/04 (2006.01) C08F 22/02 (2006.01)**
[25] EN
[54] **REGULATED AND CONTINUOUS POLYMERIZATION OF POLYCARBOXYLIC ACID POLYMERS**
[54] **POLYMERISATION REGULEE ET CONTINUE DE POLYMERES D'ACIDES POLYCARBOXYLIQUES**
[72] DURANT, YVON, US
[72] SHAW, JOHN, US
[73] ITACONIX CORPORATION, US
[85] 2012-09-11
[86] 2011-03-17 (PCT/US2011/028860)
[87] (WO2011/113069)

---

[11] **2,813,715**
[13] C
[51] **Int.Cl. A01N 37/36 (2006.01) A01N 31/14 (2006.01) A01N 37/38 (2006.01) A01N 37/44 (2006.01) A01N 47/02 (2006.01) A01N 53/00 (2006.01) A01N 55/00 (2006.01)**
[25] EN
[54] **FUNGAL PEST CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND A PYRETHROID COMPOUND AND METHOD FOR CONTROLLING FUNGAL PESTS**
[54] **COMPOSITION DE CONTROLE DE CHAMPIGNONS PHYTOPATHOGENES RENFERMANT DE LA MANDESTROBINE ET UN COMPOSE PYRETHROIDE ET METHODE DE CONTROLE DE CHAMPIGNONS PHYTOPATHOGENES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-04-04
[86] 2011-10-13 (PCT/JP2011/074090)
[87] (WO2012/050232)
[30] JP (2010-231366) 2010-10-14

[11] **2,814,141**
[13] C
[51] **Int.Cl. E21B 4/14 (2006.01) E21B 10/36 (2006.01) E21B 17/07 (2006.01)**
[25] EN
[54] **A DOWN-THE-HOLE HAMMER**
[54] **MARTEAU DE FOND DE TROU**
[72] PURCELL, JOSEPH, IE
[73] MINCON INTERNATIONAL, IE
[85] 2013-04-08
[86] 2011-10-17 (PCT/EP2011/068136)
[87] (WO2012/049331)
[30] IE (S2010/0666) 2010-10-15

---

[11] **2,814,317**
[13] C
[51] **Int.Cl. B64F 1/00 (2006.01) B64D 45/00 (2006.01) B64D 47/02 (2006.01) B64F 1/22 (2006.01) B64F 1/305 (2006.01) G08G 5/06 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING AN AIRPLANE IN CONNECTION WITH PARKING OF THE AIRPLANE AT A STAND.**
[54] **PROCEDE D'IDENTIFICATION D'UN AVION EN RAPPORT AVEC SON STATIONNEMENT A UN POSTE.**
[72] THELANDER, PER, SE
[73] FMT INTERNATIONAL TRADE AB, SE
[86] (2814317)
[87] (2814317)
[22] 2013-04-29
[30] SE (1250430-4) 2012-04-30

---

[11] **2,815,027**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) H04W 4/14 (2009.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO A CONTEXTUAL RESPONSE TO A SELECTED CONTENT ITEM**
[54] **PROCEDE ET APPAREIL AYANT TRAIT A UNE REPONSE CONTEXTUELLE A UN ELEMENT DE CONTENU SELECTIONNE**
[72] PRETTI, JENNIFER ANNE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2815027)
[87] (2815027)
[22] 2013-05-01
[30] US (61/641,051) 2012-05-01
[30] US (13/603,543) 2012-09-05

---

[11] **2,815,187**
[13] C
[51] **Int.Cl. A45D 20/12 (2006.01) A45D 20/10 (2006.01)**
[25] FR
[54] **COMPACT HAIR DRYER AND REMOVABLE BARREL EXTENSION**
[54] **SECHE-CHEVEUX COMPACT ET PROLONGATEUR AMOVIBLE**
[72] QUESSARD, ROLAND, FR
[72] GUILLOSSON, MICHEL, FR
[73] VELECTA PARAMOUNT SAS, FR
[85] 2013-04-18
[86] 2011-11-04 (PCT/FR2011/052582)
[87] (WO2012/059700)
[30] FR (1059179) 2010-11-05

---

[11] **2,815,961**
[13] C
[51] **Int.Cl. A45D 20/12 (2006.01) H02K 29/14 (2006.01)**
[25] FR
[54] **LIGHT, EFFICIENT HAIR DRYER**
[54] **SECHE-CHEVEUX LEGER ET PERFORMANT**
[72] QUESSARD, ROLAND, FR
[72] GUILLOSSON, MICHEL, FR
[73] VELECTA PARAMOUNT SAS, FR
[85] 2013-04-25
[86] 2011-11-04 (PCT/FR2011/052581)
[87] (WO2012/059699)
[30] FR (1059178) 2010-11-05

---

[11] **2,816,677**
[13] C
[51] **Int.Cl. C01C 1/246 (2006.01) B01J 19/20 (2006.01) C05C 3/00 (2006.01) C05C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AMMONIUM SULFATE NITRATE**
[54] **PROCEDE DE FABRICATION DE SULFATE NITRATE D'AMMONIUM**
[72] KWEEDER, JAMES A., US
[72] WISSINGER, RAYMOND G., US
[73] ADVANSIX RESINS & CHEMICALS LLC, US
[85] 2013-05-01
[86] 2011-11-02 (PCT/US2011/058894)
[87] (WO2012/061460)
[30] US (61/409,333) 2010-11-02
[30] US (13/286,440) 2011-11-01

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[11] **2,816,741**
[13] C
[51] **Int.Cl. A47F 3/04 (2006.01) F25D 23/00 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **MERCHANDISER INCLUDING ACCESSIBLE CANOPY**
[54] **PRESENTOIR GEANT COMPORTANT UNE VERRIERE ACCESSIBLE**
[72] GRILL, MICHAEL A., US
[73] HUSSMANN CORPORATION, US
[86] (2816741)
[87] (2816741)
[22] 2013-05-27
[30] US (13/794,916) 2013-03-12

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[11] **2,817,124**
[13] C
[51] **Int.Cl. C02F 11/06 (2006.01) C01B 9/02 (2006.01) C01B 25/02 (2006.01) C02F 9/04 (2006.01)**
[25] FR
[54] **PROCEDE DE TRAITEMENT DE DECHETS ORGANIQUES**
[54] **METHOD FOR RECYCLING ORGANIC WASTE MATERIAL**
[72] EDLINGER, ALFRED, AT
[73] ICL EUROPE COOPERATIEF U.A., NL
[85] 2013-05-07
[86] 2011-10-18 (PCT/EP2011/068157)
[87] (WO2012/065798)
[30] AT (1875/2010) 2010-11-15

---

[11] **2,818,957**
[13] C
[51] **Int.Cl. C10G 19/00 (2006.01) C10G 19/02 (2006.01)**
[25] FR
[54] **PROCESS FOR REMOVING SILOXANE-BASED DERIVATIVES FROM A LIQUID ORGANIC PHASE**
[54] **PROCEDE D'ELIMINATION DE DERIVES A BASE DE SILOXANE D'UNE PHASE ORGANIQUE LIQUIDE**
[72] MONIOTTE, PHILIPPE GERARD, BE
[72] BAREEL, PIERRE-FRANCOIS ETIENNE ROSE-MARIE, BE
[72] COLLIGNON, FRANCOIS JEAN EMILIEN PIERRE, BE
[72] GROSJEAN, PHILIPPE ALFRED, BE
[73] SA COMET TRAITEMENTS, BE
[85] 2013-05-16
[86] 2011-11-22 (PCT/EP2011/070672)
[87] (WO2012/069467)
[30] BE (BE2010/0697) 2010-11-22

[11] **2,819,152**
[13] C
[51] **Int.Cl. C07C 2/56 (2006.01) C07C 2/08 (2006.01) C10L 1/04 (2006.01)**
[25] EN
[54] **CATALYTIC DECHLORINATION PROCESSES TO UPGRADE FEEDSTOCK CONTAINING CHLORIDE AS FUELS**
[54] **PROCEDES DE DECHLORATION CATALYTIQUE POUR VALORISER UNE CHARGE D'ALIMENTATION CONTENANT DU CHLORE AFIN D'OBTENIR DES COMBUSTIBLES**
[72] ZHAN, BI-ZENG, US
[72] DRIVER, MICHAEL, US
[72] TIMKEN, HYE KYUNG, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-05-27
[86] 2012-05-04 (PCT/US2012/036465)
[87] (WO2013/002887)
[30] US (13/170,948) 2011-06-28

[11] **2,819,188**
[13] C
[51] **Int.Cl. B65F 1/06 (2006.01) B65D 25/04 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **BAG RETENTION SYSTEM AND FIELD CONFIGURABLE WASTE AND RECYCLING RECEPTACLES AND SYSTEMS EMPLOYING SAME**
[54] **SYSTEME DE RETENUE DE SAC ET RECEPTACLES DE DECHETS ET DE RECYCLAGE CONFIGURABLES SUR LE TERRAIN ET SYSTEMES LES EMPLOYANT**
[72] JARRETT, DAVID R., CA
[72] THRASHER, JEFFREY W., CA
[72] MUIR, ROD, CA
[72] MULLINS, TORRIN, CA
[72] SIROIS, MIKE, CA
[72] STREETS, PHIL, CA
[73] MIDPOINT INTERNATIONAL INC., CA
[85] 2013-05-28
[86] 2011-12-05 (PCT/CA2011/001330)
[87] (WO2012/071660)
[30] US (61/419,479) 2010-12-03

[11] **2,819,307**
[13] C
[51] **Int.Cl. A61K 31/685 (2006.01) A61K 9/00 (2006.01) A61K 31/728 (2006.01) A61P 1/00 (2006.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS FOR PRESERVING OR RESTORING THE INTEGRITY OF MUCOSAE**
[54] **COMPOSITIONS TOPIQUES POUR CONSERVER ET RESTAURER L'INTEGRITE DES MUQUEUSES**
[72] DI SCHIENA, MICHELE GIUSEPPE, IT
[73] RICERFARMA S.R.L., IT
[85] 2013-05-29
[86] 2011-11-29 (PCT/IB2011/055364)
[87] (WO2012/073191)
[30] IT (MI2010A002218) 2010-11-30

[11] **2,819,337**
[13] C
[51] **Int.Cl. A23L 7/104 (2016.01) A23L 7/10 (2016.01) A23L 27/00 (2016.01) A23L 33/00 (2016.01) A23L 33/21 (2016.01) C12P 19/14 (2006.01)**
[25] EN
[54] **FOOD INGREDIENT COMPRISING HYDROLYZED WHOLE GRAIN**
[54] **INGREDIENT ALIMENTAIRE COMPRENANT DES CEREALES ENTIERES HYDROLYSEES**
[72] SCHAFFER-LEQUART, CHRISTELLE, CH
[72] ROGER, OLIVIER, CH
[72] WAVREILLE, ANNE-SOPHIE, CH
[72] KUNETZ, CHRISTINE FRANCES, US
[72] HOWELL, SCOTT JOHN, US
[73] NESTEC S.A., CH
[85] 2013-05-29
[86] 2010-12-08 (PCT/US2010/059487)
[87] (WO2012/078149)

[11] **2,819,404**
[13] C
[51] **Int.Cl. F16L 27/08 (2006.01) F16L 37/50 (2006.01) F16L 37/53 (2006.01)**
[25] EN
[54] **HYDRAULIC FLUID COUPLING COMPRISING AN INLINE SWIVEL JOINT**
[54] **ACCOUPLEMENT POUR FLUIDE HYDRAULIQUE COMPRENANT UN JOINT A ROTULE EN LIGNE**
[72] BOHNER, STEPHAN E., CA
[72] WALKER, ROBERT D., CA
[73] 2141632 ONTARIO INC., CA
[85] 2013-05-30
[86] 2011-11-30 (PCT/CA2011/001323)
[87] (WO2012/071658)
[30] US (61/418,385) 2010-11-30

[11] **2,819,683**
[13] C
[51] **Int.Cl. A61H 23/02 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **WEARABLE THORAX PERCUSSION DEVICE**
[54] **DISPOSITIF DE PERCUSSION THORACIQUE PORTABLE**
[72] DEVLIEGER, MARTEN JAN, CA
[72] DRLIK, MARK S., CA
[72] LEE, RYAN, CA
[73] HILL-ROM SERVICES PTE. LTD., SE
[86] (2819683)
[87] (2819683)
[22] 2013-06-28
[30] US (13/538,716) 2012-06-29

[11] **2,820,181**
[13] C
[51] **Int.Cl. B81B 7/00 (2006.01) B81B 5/00 (2006.01) C12M 1/00 (2006.01) G01N 1/28 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MICROFLUIDIC STRUCTURE, MICROFLUIDIC DEVICE HAVING THE SAME AND METHOD OF CONTROLLING THE MICROFLUIDIC DEVICE**
[54] **STRUCTURE MICROFLUIDIQUE, DISPOSITIF MICROFLUIDIQUE POURVU DE CETTE DERNIERE ET METHODE DE COMMANDE DU DISPOSITIF MICROFLUIDIQUE**
[72] LEE, BEOM SEOK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2820181)
[87] (2820181)
[22] 2013-07-09
[30] KR (10-2012-0075711) 2012-07-11
[30] KR (10-2012-0085361) 2012-08-03

[11] **2,820,198**
[13] C
[51] **Int.Cl. C08G 63/08 (2006.01) C08G 63/66 (2006.01) C08J 5/18 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **A POLYLACTIC ACID RESIN COMPOSITION AND A PACKAGING FILM**
[54] **COMPOSITION DE RESINE ACIDE POLYLACTIQUE ET FILM D'EMBALLAGE**
[72] YOO, YOUNG-MAN, KR
[72] LEE, TAE-WOONG, KR
[72] LEE, KYE-YUNE, KR
[72] CHUNG, JAE-IL, KR
[73] SK CHEMICALS CO., LTD., KR
[85] 2013-06-05
[86] 2011-11-02 (PCT/KR2011/008309)
[87] (WO2012/081827)
[30] KR (10-2010-0130224) 2010-12-17

[11] **2,820,306**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) H02G 3/08 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **PRE-FILTRATION AND MAINTENANCE SENSING FOR EXPLOSION-PROOF ENCLOSURES**
[54] **PRE-FILTRATION ET DETECTION DE MAINTENANCE POUR ENCEINTES ANTIDEFLAGRANTES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-06-05
[86] 2011-12-20 (PCT/US2011/066299)
[87] (WO2012/088183)
[30] US (61/426,413) 2010-12-22

[11] **2,820,454**
[13] C
[51] **Int.Cl. B65C 9/06 (2006.01) B67B 3/26 (2006.01) B67C 3/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTING MOVING CONTAINERS**
[54] **DISPOSITIF DE DETECTION DE CONTENANTS EN DEPLACEMENT**
[72] BELLINI, MARCO, IT
[72] MARCANTONI, SIMONE, IT
[73] MAKRO LABELLING S.R.L., IT
[85] 2013-06-06
[86] 2011-11-30 (PCT/IB2011/055377)
[87] (WO2012/090093)
[30] IT (VR2010A000253) 2010-12-27

[11] **2,820,708**
[13] C
[51] **Int.Cl. B01J 31/22 (2006.01) B01J 20/22 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) B01J 35/00 (2006.01) B01J 37/03 (2006.01) B01J 37/10 (2006.01)**
[25] FR
[54] **NOVEL IM-21 ORGANIC-INORGANIC HYBRID SOLID AND PROCESS FOR PREPARING SAME**
[54] **NOUVEAU SOLIDE HYBRIDE ORGANIQUE-INORGANIQUE IM-21 ET SON PROCEDE DE PREPARATION**
[72] PERALTA, DAVID, FR
[72] BARTHELET, KARIN, FR
[72] PIRNGRUBER, GERHARD, FR
[72] CHAPLAIS, GERALD, FR
[72] SIMON-MASSERON, ANGELIQUE, FR
[72] PATARIN, JOEL, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2013-05-24
[86] 2011-11-23 (PCT/FR2011/000616)
[87] (WO2012/069714)
[30] FR (10/04605) 2010-11-26

[11] **2,822,928**
[13] C
[51] **Int.Cl. E03C 1/181 (2006.01) A47K 1/04 (2006.01)**
[25] EN
[54] **HAND WASH WALL HUNG SINK TO AVOID SPREAD OF INFECTIOUS DISEASE**
[54] **LAVABO MURAL POUR LE LAVAGE DES MAINS PERMETTANT D'EVITER UNE PROPAGATION DE MALADIE INFECTIEUSE**
[72] BUCHER, CHRISTOPHE, US
[73] AS IP HOLDCO, LLC, US
[85] 2013-06-20
[86] 2010-12-22 (PCT/US2010/061686)
[87] (WO2012/087302)
[30] MX (Mx/f/2011/000033) 2010-12-21

[11] **2,824,752**
[13] C
[51] **Int.Cl. G01N 33/483 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01) C12Q 1/02 (2006.01) C12Q 1/37 (2006.01) C40B 40/10 (2006.01) G01N 30/72 (2006.01) G01N 33/68 (2006.01) C12N 15/18 (2006.01) C40B 40/08 (2006.01)**
[25] EN
[54] **BCL-2-LIKE PROTEIN 11 SRM/MRM ASSAY**
[54] **DOSAGE PAR SRM/MRM DE LA PROTEINE 11 DE TYPE BCL-2**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THYPARAMBIL, SHEENO, US
[72] LIAO, WEI-LI, US
[73] EXPRESSION PATHOLOGY, INC., US
[85] 2013-07-12
[86] 2012-01-13 (PCT/US2012/021283)
[87] (WO2012/097276)
[30] US (61/432,462) 2011-01-13

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[11] **2,824,870**
[13] C
[51] **Int.Cl. C07C 401/00 (2006.01) A61K 31/047 (2006.01) A61P 35/00 (2006.01) C07F 7/18 (2006.01) C07F 9/53 (2006.01)**
[25] EN
[54] **3-DESOXY-2-METHYLENE-19-NOR-VITAMIN D ANALOGS AND THEIR USES**
[54] **ANALOGUES DE LA 3-DESOXY-2-METHYLENE-19-NOR-VITAMINE D ET LEURS UTILISATIONS**
[72] DELUCA, HECTOR F., US
[72] PLUM, LORI A., US
[72] SICINSKI, RAFAL R., PL
[72] SIBILSKA, IZABELA, PL
[72] CLAGETT-DAME, MARGARET, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2013-07-15
[86] 2012-06-13 (PCT/US2012/042225)
[87] (WO2012/174095)
[30] US (61/496,777) 2011-06-14
[30] US (61/550,099) 2011-10-21

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[11] **2,825,459**
[13] C
[51] **Int.Cl. H01H 47/00 (2006.01) H01H 83/14 (2006.01) H02H 3/33 (2006.01)**
[25] EN
[54] **FAIL-SAFE GROUND FAULT CIRCUIT INTERRUPTER**
[54] **INTERRUPTEUR DE CIRCUIT DE DEFAUT DE MISE A LA TERRE A SECURITE INTEGREE**
[72] ELMS, ROBERT T., US
[72] NATILI, THOMAS E., US
[73] EATON CORPORATION, US
[85] 2013-07-23
[86] 2012-02-21 (PCT/IB2012/000306)
[87] (WO2012/114185)
[30] US (13/031,437) 2011-02-21

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[11] **2,825,776**
[13] C
[51] **Int.Cl. H05B 1/00 (2006.01)**
[25] EN
[54] **A CIRCUIT INTEGRITY DETECTION SYSTEM FOR DETECTING THE INTEGRITY OF A SENSING WIRE IN ELECTRICALLY HEATED TEXTILES**
[54] **SYSTEME DE DETECTION D'INTEGRITE DE CIRCUIT POUR DETECTER L'INTEGRITE D'UN FIL DE DETECTION DANS DES TEXTILES CHAUFFES ELECTRIQUEMENT**
[72] KOHN, GABRIEL, US
[72] HOREY, LEONARD, US
[72] MCCOY, WILLIAM G., US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2013-07-25
[86] 2012-08-30 (PCT/US2012/053144)
[87] (WO2013/062672)
[30] US (61/551,512) 2011-10-26
[30] US (61/640,341) 2012-04-30

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[11] **2,826,306**
[13] C
[51] **Int.Cl. A01G 23/093 (2006.01)**
[25] EN
[54] **INTEGRATED HYDRAULIC SYSTEM FOR HARVESTER**
[54] **DISPOSITIF HYDRAULIQUE INTEGRE POUR MOISSONNEUSE**
[72] RASZGA, CALIN, US
[72] BREUTZMAN, MARK, US
[73] DEERE AND COMPANY, US
[86] (2826306)
[87] (2826306)
[22] 2013-09-06
[30] US (13/613,169) 2012-09-13

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[11] **2,826,946**
[13] C
[51] **Int.Cl. B65G 51/42 (2006.01) A61G 12/00 (2006.01) B65G 51/06 (2006.01) G01V 15/00 (2006.01)**
[25] EN
[54] **CONTROL OF PNEUMATIC CARRIER SYSTEM BASED ON CARRIER OR PAYLOAD IDENTIFICATION**
[54] **COMMANDE D'UN SYSTEME PORTEUR PNEUMATIQUE FONDEE SUR UNE IDENTIFICATION DE PORTEUR OU DE CHARGE UTILE**
[72] HOGANSON, KENNETH MICHAEL, US
[73] TRANSLOGIC CORPORATION, US
[86] (2826946)
[87] (2826946)
[22] 2013-09-13
[30] US (61/700,383) 2012-09-13

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[11] **2,827,503**
[13] C
[51] **Int.Cl. G01N 33/483 (2006.01) C12Q 1/6813 (2018.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **CANCER SCREENING BY DETECTION OF ULTRASTRUCTURAL AND MOLECULAR MARKERS**
[54] **DEPISTAGE DU CANCER PAR DETECTION DE MARQUEURS ULTRASTRUCTURAUX ET MOLECULAIRES**
[72] BACKMAN, VADIM, US
[72] SUBRAMANIAN, HARIHARAN, US
[72] DAMANIA, DHWANIL, US
[72] ROY, HEMANT, US
[72] KUNTE, DHANANJAY, US
[72] DE LA CRUZ, MART ANGELO, US
[73] NORTHWESTERN UNIVERSITY, US
[73] NORTHSHORE UNIVERSITY HEALTHSYSTEM, US
[85] 2013-08-14
[86] 2012-02-17 (PCT/US2012/025670)
[87] (WO2012/112906)
[30] US (61/443,912) 2011-02-17

[11] 2,828,042
[13] C
[51] **Int.Cl. F02P 3/05 (2006.01) F02P 9/00 (2006.01) F02P 23/00 (2006.01) F23N 5/00 (2006.01) F23Q 3/00 (2006.01)**
[25] EN
[54] **SYSTEM, CIRCUIT, AND METHOD FOR CONTROLLING COMBUSTION**
[54] **SYSTEME, CIRCUIT ET PROCEDE PERMETTANT DE REGULER LA COMBUSTION**
[72] PLOTNIKOV, ALEXANDRE, CA
[73] SPHENIC TECHNOLOGIES INC., CA
[85] 2013-08-08
[86] 2012-02-10 (PCT/CA2012/000113)
[87] (WO2012/106807)
[30] US (61/441,701) 2011-02-11
[30] US (61/485,770) 2011-05-13

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[11] 2,828,242
[13] C
[51] **Int.Cl. C01B 17/04 (2006.01) B01D 53/48 (2006.01) B01D 53/52 (2006.01) B01D 53/86 (2006.01) B01J 10/00 (2006.01) C01B 17/02 (2006.01)**
[25] EN
[54] **SULFUR DEGASSER APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE DEGAZAGE DU SOUFRE**
[72] METHRAL, CASEY J., CA
[72] LANG, LESLIE L., CA
[72] IRANI, JAMSHEED P., CA
[72] WOHLERS, CODY J., CA
[72] DE PAOLI, SERGIO A., CA
[73] IPCO US LLC, US
[85] 2013-09-11
[86] 2013-08-05 (PCT/US2013/053637)
[87] (WO2014/035614)
[30] US (13/598,516) 2012-08-29

---

[11] 2,828,908
[13] C
[51] **Int.Cl. H04W 36/14 (2009.01) H04W 28/10 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **MOBILE DEVICE DRIVEN INFORMATION EXCHANGE**
[54] **ECHANGE D'INFORMATIONS PILOTE PAR UN DISPOSITIF MOBILE**
[72] GAGE, WILLIAM, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-09-03
[86] 2011-03-04 (PCT/CA2011/050130)
[87] (WO2012/119217)

---

[11] 2,828,968
[13] C
[51] **Int.Cl. F42B 10/14 (2006.01) F02K 9/97 (2006.01)**
[25] EN
[54] **ROCKET NOZZLE ASSEMBLY**
[54] **ENSEMBLE COL DE TUYERE**
[72] BELLOTTE, JOSEPH O., US
[72] FARABAUGH, THOMAS F., US
[72] CABA, AARON C., US
[73] ORBITAL ATK, INC., US
[85] 2013-09-03
[86] 2011-11-07 (PCT/US2011/059533)
[87] (WO2012/118536)
[30] US (61/448,837) 2011-03-03

---

[11] 2,829,150
[13] C
[51] **Int.Cl. F15D 1/00 (2006.01) B65D 88/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR SUPPORTING INTERNALS WITHIN A MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME**
[54] **APPAREIL PERMETTANT DE SOUTENIR DES ELEMENTS INTERNES DANS UNE COLONNE DE TRANSFERT DE MASSE ET PROCEDE IMPLIQUANT CET APPAREIL**
[72] HEADLEY, DARRAN MATTHEW, US
[72] UNRUH, BILLY RUSS, US
[73] KOCH-GLITSCH, LP, US
[85] 2013-09-05
[86] 2012-01-25 (PCT/US2012/022570)
[87] (WO2012/121812)
[30] US (61/450,689) 2011-03-09
[30] US (13/356,065) 2012-01-23

---

[11] 2,829,251
[13] C
[51] **Int.Cl. D04H 1/04 (2012.01) D04H 1/42 (2012.01) D04H 1/46 (2012.01) D04H 1/74 (2006.01) D04H 3/04 (2012.01) D04H 3/10 (2012.01) E02D 17/20 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR PRODUCING A NONWOVEN GEOTEXTILE, AND GEOTEXTILE THUS PRODUCED**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE GEOTEXTILE NON TISSE ET GEOTEXTILE AINSI PRODUIT**
[72] ROURE, FREDERIC, FR
[73] GEOCHANVRE F, FR
[85] 2013-09-06
[86] 2012-03-08 (PCT/FR2012/050488)
[87] (WO2012/146847)
[30] FR (1151902) 2011-03-08

---

[11] 2,829,472
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) G06F 19/20 (2011.01) C12Q 1/6851 (2018.01) C12Q 1/68 (2018.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **GENE EXPRESSION MARKERS FOR BREAST CANCER PROGNOSIS**
[54] **MARQUEURS D'EXPRESSION GENIQUE POUR LE PRONOSTIC DU CANCER DU SEIN**
[72] COBLEIGH, MELODY A., US
[72] SHAK, STEVE, US
[72] BAKER, JOFFRE B., US
[72] CRONIN, MAUREEN T., US
[73] GENOMIC HEALTH, INC., US
[86] (2829472)
[87] (2829472)
[22] 2004-01-14
[62] 2,513,117
[30] US (60/440,861) 2003-01-15

[11] **2,830,241**
[13] C
[51] **Int.Cl. H04W 8/26 (2009.01) H04L 12/24 (2006.01)**
[25] EN
[54] **CORRELATING REGISTRATIONS ORIGINATING FROM A DEVICE**
[54] **CORRELATION DE DECLARATIONS PROVENANT D'UN DISPOSITIF**
[72] ATARIUS, ROOZBEH, US
[72] JIN, HAIPENG, US
[72] MAHENDRAN, ARUNGUNDRAM C., US
[72] SUBRAMANIAN, RAMACHANDRAN, US
[73] QUALCOMM INCORPORATED, US
[86] (2830241)
[87] (2830241)
[22] 2009-08-06
[62] 2,732,026
[30] US (61/087,538) 2008-08-08
[30] US (12/512,552) 2009-07-30

---

[11] **2,830,983**
[13] C
[51] **Int.Cl. B29D 11/00 (2006.01) G02C 7/08 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR FUNCTIONAL INSERT WITH POWER LAYER**
[54] **PROCEDES ET APPAREILS POUR UNE INSERTION FONCTIONNELLE COMPRENANT UNE COUCHE D'ALIMENTATION**
[72] PUGH, RANDALL B., US
[72] FLITSCH, FREDERICK A., US
[72] OTTS, DANIEL B., US
[72] RIALL, JAMES DANIEL, US
[72] TONER, ADAM, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2013-09-20
[86] 2012-03-20 (PCT/US2012/029769)
[87] (WO2012/129210)
[30] US (61/454,591) 2011-03-21
[30] US (13/401,959) 2012-02-22

---

[11] **2,831,211**
[13] C
[51] **Int.Cl. A63B 23/04 (2006.01) A63B 21/00 (2006.01) A63B 21/04 (2006.01)**
[25] EN
[54] **CORE STABILIZING RUNNING EXERCISE SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL POUR EXERCICE DE COURSE A PIED PERMETTANT UNE STABILISATION DU RACHIS**
[72] HOFFMAN, JONATHAN, IL
[72] BARAK, AMIT, IL
[73] HARMONY TIME LTD., IL
[85] 2013-09-24
[86] 2011-07-11 (PCT/US2011/043498)
[87] (WO2012/134509)
[30] US (13/078,685) 2011-04-01

---

[11] **2,831,214**
[13] C
[51] **Int.Cl. F16L 3/00 (2006.01) B64D 37/00 (2006.01) F16L 9/18 (2006.01) F16L 25/00 (2006.01) F16L 37/56 (2006.01)**
[25] FR
[54] **FASTENING CONNECTOR FOR DOUBLE WALLED PIPING AND ASSEMBLY THUS OBTAINED**
[54] **CONNECTEUR DE FIXATION D'UNE TUYAUTERIE DOUBLE PEAU ET ASSEMBLAGE OBTENU**
[72] COURPET, ALEXIS, FR
[72] BARRE, THOMAS, FR
[72] BOURBON, OLIVIER, FR
[72] BITEAU, MATTHIEU, FR
[72] ROQUES, JEAN-MARC, FR
[72] ESCANDE, SEBASTIEN, FR
[72] LENOIR, BRICE, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2831214)
[87] (2831214)
[22] 2013-10-23
[30] FR (12 60 420) 2012-10-31

---

[11] **2,831,285**
[13] C
[51] **Int.Cl. H05H 1/34 (2006.01)**
[25] EN
[54] **PLASMA TORCH SYSTEMS HAVING IMPROVED PLASMA NOZZLES**
[54] **SYSTEMES DE TORCHE A PLASMA COMPRENANT DES BUSES A PLASMA AMELIOREES**
[72] LETTERITZ, NATHAN GERALD, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-09-24
[86] 2012-03-23 (PCT/US2012/030431)
[87] (WO2012/135061)
[30] US (61/467,448) 2011-03-25

---

[11] **2,832,436**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 31/137 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **CONTROLLED RELEASE PHARMACEUTICAL COMPOSITIONS OF TAPENTADOL**
[54] **COMPOSITIONS PHARMACEUTIQUES A LIBERATION CONTROLEE DE TAPENTADOL**
[72] DESHMUKH, ASHISH ASHOKRAO, IN
[72] BHUTADA, PRAVIN MEGHRAJJI, IN
[72] CHANDRAN, SAJEEV, IN
[72] KULKARNI, SHIRISHKUMAR, IN
[73] LUPIN LIMITED, IN
[85] 2013-10-04
[86] 2011-02-07 (PCT/IB2011/000196)
[87] (WO2011/124953)
[30] IN (393/KOL/2010) 2010-04-07

[11] **2,832,723**
[13] C
[51] **Int.Cl. G01V 1/36 (2006.01) E21B 43/00 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **TWO-COMPONENT SOURCE SEISMIC ACQUISITION AND SOURCE DE-GHOSTING**
[54] **ACQUISITION SISMIQUE AU MOYEN DE DEUX SOURCES ET SUPPRESSIONS DES ONDES PARASITES DES SOURCES**
[72] MEIER, MARK A., US
[72] DUREN, RICHARD E., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-10-08
[86] 2012-03-09 (PCT/US2012/028544)
[87] (WO2012/154294)
[30] US (61/485,437) 2011-05-12

---

[11] **2,833,193**
[13] C
[51] **Int.Cl. F04D 29/22 (2006.01) F04D 29/24 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PUMP IMPELLER WITH BLADE ANGLE PROFILE**
[54] **HELICE DE POMPE CENTRIFUGE A PROFIL D'ANGLE DE PALE**
[72] SPRINGER, PEER, DE
[73] KSB SE & CO. KGAA, DE
[85] 2013-10-15
[86] 2012-04-18 (PCT/EP2012/057035)
[87] (WO2012/143367)
[30] DE (102011007907.6) 2011-04-21

---

[11] **2,834,740**
[13] C
[51] **Int.Cl. A01K 87/00 (2006.01)**
[25] EN
[54] **FISHING ROD HOLDER**
[54] **SUPPORT DE CANNE A PECHE**
[72] OHATA, MICHAEL L., CA
[72] OHATA, JEANETTE N., CA
[73] OHATA, MICHAEL L., CA
[73] OHATA, JEANETTE N., CA
[86] (2834740)
[87] (2834740)
[22] 2013-11-26
[30] US (13685974) 2012-11-27

---

[11] **2,834,801**
[13] C
[51] **Int.Cl. H04W 16/10 (2009.01)**
[25] EN
[54] **MOBILE STATION-ASSISTED INTERFERENCE MITIGATION**
[54] **ATTENUATION DES INTERFERENCES ASSISTEE PAR UNE STATION MOBILE**
[72] GAGE, WILLIAM ANTHONY, CA
[72] NOVAK, ROBERT, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-10-31
[86] 2011-05-10 (PCT/CA2011/050286)
[87] (WO2012/151655)

---

[11] **2,834,835**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MULTIMODE INTERNETWORKING CONNECTIVITY**
[54] **APPAREIL ET PROCEDES POUR UNE CONNECTIVITE INTER-RESEAU MULTIMODE**
[72] LEE, CHOOI TIAN, MY
[73] LEE, CHOOI TIAN, MY
[85] 2013-10-31
[86] 2012-07-16 (PCT/MY2012/000203)
[87] (WO2013/015673)
[30] MY (PI 2011003441) 2011-07-22

---

[11] **2,836,257**
[13] C
[51] **Int.Cl. B21D 24/00 (2006.01) B21D 37/16 (2006.01)**
[25] EN
[54] **HOT PRESS MOLDING METHOD AND HOT PRESS MOLDING DIE**
[54] **PROCEDE D'EMBOUTISSAGE A CHAUD ET OUTIL D'EMBOUTISSAGE A CHAUD**
[72] FUKUCHI, HIROSHI, JP
[72] ISHIMORI, YUICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-11-14
[86] 2012-05-22 (PCT/JP2012/063075)
[87] (WO2012/161192)
[30] JP (2011-115176) 2011-05-23

---

[11] **2,837,141**
[13] C
[51] **Int.Cl. A47C 7/46 (2006.01)**
[25] EN
[54] **LUMBAR SUPPORT FOR A CHAIR**
[54] **SOUTIEN LOMBAIRE DESTINE A UNE CHAISE**
[72] BISMAN, CHRISTOPHER WARREN, NZ
[72] BURWELL, DAMON GREGORY, NZ
[72] ROY, LEIF ROBERT JOHN, NZ
[72] WILKINSON, PAUL MICHAEL, NZ
[73] FORMWAY FURNITURE LIMITED, NZ
[85] 2013-11-22
[86] 2012-05-16 (PCT/NZ2012/000065)
[87] (WO2012/165973)
[30] US (61/492,547) 2011-06-02
[30] US (13/468,118) 2012-05-10

---

[11] **2,837,235**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTHENTICATION AND KEY EXCHANGE FOR A MOBILE DEVICE VIA SPECTRALLY CONFINED WIRELESS COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION ET D'ECHANGE DE CLES POUR DISPOSITIF MOBILE PAR COMMUNICATIONS SANS FIL A CONFINEMENT SPECTRAL**
[72] HRANILOVIC, STEVE, CA
[72] LABRADOR, CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-11-21
[86] 2011-05-31 (PCT/US2011/038586)
[87] (WO2012/166115)

[11] **2,837,842**
[13] C
[51] **Int.Cl. E21B 10/60 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **ROTATIONAL DRILL BITS AND DRILLING APPARATUSES INCLUDING THE SAME**
[54] **FORETS ROTATIFS ET APPAREILS DE PERCAGE COMPRENANT CES DERNIERS**
[72] COX, E. SEAN, US
[72] MYERS, RUSSELL ROY, US
[73] DOVER BMCS ACQUISITION CORPORATION, US
[85] 2013-11-29
[86] 2011-06-03 (PCT/US2011/039139)
[87] (WO2011/153481)
[30] US (12/794,569) 2010-06-04

---

[11] **2,839,303**
[13] C
[51] **Int.Cl. C23F 17/00 (2006.01) C22F 1/18 (2006.01) C23G 1/00 (2006.01) C22C 14/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF ALPHA-BETA TI-AL-V-MO-FE ALLOY SHEETS**
[54] **PROCEDE DE FABRICATION DE FEUILLES D'ALLIAGE ALPHA-BETA EN TI-AL-V-MO-FE**
[72] KOSAKA, YOJI, US
[72] GUDIPATI, PHANI, US
[73] TITANIUM METALS CORPORATION, US
[85] 2013-12-12
[86] 2012-06-17 (PCT/US2012/042845)
[87] (WO2012/174501)
[30] US (61/498,447) 2011-06-17

---

[11] **2,840,067**
[13] C
[51] **Int.Cl. H04L 27/26 (2006.01) H04B 7/26 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING TIME DIVISION DUPLEX FRAME CONFIGURATION INFORMATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRANSMETTRE ET DE RECEVOIR DES INFORMATIONS DE CONFIGURATION DE TRAME DE DUPLEXAGE PAR REPARTITION DANS LE TEMPS DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JI, HYOUNG JU, KR
[72] KIM, YOUN SUN, KR
[72] KIM, YOUNG BUM, KR
[72] CHO, JOON YOUNG, KR
[72] CHOI, SEUNG HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-12-19
[86] 2012-06-20 (PCT/KR2012/004858)
[87] (WO2012/177037)
[30] KR (10-2011-0059727) 2011-06-20
[30] KR (10-2012-0049056) 2012-05-09

---

[11] **2,840,133**
[13] C
[51] **Int.Cl. C10G 29/04 (2006.01) C10C 3/02 (2006.01) C10G 29/10 (2006.01) C10G 29/20 (2006.01)**
[25] EN
[54] **UPGRADING PLATFORM USING ALKALI METALS**
[54] **PLATEFORME DE VALORISATION UTILISANT DES METAUX ALCALINS**
[72] GORDON, JOHN, US
[73] FIELD UPGRADING LIMITED, CA
[85] 2013-12-19
[86] 2012-07-16 (PCT/US2012/046939)
[87] (WO2013/012810)
[30] US (61/508,415) 2011-07-15

---

[11] **2,840,682**
[13] C
[51] **Int.Cl. B05B 3/04 (2006.01)**
[25] EN
[54] **SPRINKLER HEAD FOR EMBEDDED SPRINKLER**
[54] **TETE D'ARROSEUR POUR ARROSEUR DISSIMULE**
[72] LO, SHUN-NAN, TW
[73] YUAN-MEI CORP., TW
[86] (2840682)
[87] (2840682)
[22] 2014-01-27

---

[11] **2,841,019**
[13] C
[51] **Int.Cl. C12M 1/24 (2006.01) B01L 7/00 (2006.01)**
[25] EN
[54] **CONTAINER FOR NUCLEIC ACID AMPLIFICATION REACTION**
[54] **RECIPIENT POUR UNE REACTION D'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] SU, CHENG, CN
[72] TENG, PINGHUA, CN
[73] GENEREACH BIOTECHNOLOGY CORP., CN
[85] 2014-05-22
[86] 2011-07-12 (PCT/CN2011/077085)
[87] (WO2013/007021)

---

[11] **2,841,733**
[13] C
[51] **Int.Cl. F24F 11/62 (2018.01) F24F 11/38 (2018.01) F04D 27/00 (2006.01) F24F 7/007 (2006.01) F24F 7/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ATTIC FAN POWER CONTROLLER WITH REMOTE CONTROL**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIF DE COMMANDE DE PUISSANCE DE VENTILATEUR DE COMBLE A COMMANDE A DISTANCE**
[72] FOREMAN, GEOFFREY, US
[72] BUCKLEY, ROBERT, US
[73] AIR VENT, INC., US
[85] 2014-01-14
[86] 2011-07-16 (PCT/US2011/044293)
[87] (WO2012/009708)
[30] US (61/364,967) 2010-07-16
[30] US (13/184,334) 2011-07-15

[11] **2,842,986**
[13] C
[51] **Int.Cl. C10L 5/46 (2006.01) C10L 5/48 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE MECHANICAL OR MECHANICAL-BIOLOGICAL TREATMENT OF WASTE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT MECANIQUE OU MECANIQUE-BIOLOGIQUE DE DECHETS**
[72] GIBIS, GEORG, DE
[72] PERSON, GEORG, DE
[73] ZWECKVERBAND ABFALLBEHANDLUNG KAHLENBERG, DE
[85] 2014-01-24
[86] 2012-07-25 (PCT/EP2012/003161)
[87] (WO2013/017224)
[30] EP (11176112.8) 2011-08-01
[30] EP (11007924.1) 2011-09-29

[11] **2,844,755**
[13] C
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 5/00 (2006.01) A61M 39/00 (2006.01)**
[25] EN
[54] **SURGICAL ACCESS SYSTEM**
[54] **SYSTEME D'ACCES CHIRURGICAL**
[72] MARK, JOSEPH L., US
[72] KASSAN, AMIN, US
[72] DOUGHERTY, BRIAN C., US
[72] LAMAR, CHAD, US
[73] NICO INCORPARATION, US
[85] 2014-02-07
[86] 2012-10-24 (PCT/US2012/061568)
[87] (WO2013/063027)
[30] US (13/280,015) 2011-10-24
[30] US (13/444,713) 2012-04-11
[30] US (13/444,722) 2012-04-11
[30] US (13/444,732) 2012-04-11
[30] US (13/474,433) 2012-05-17

[11] **2,846,169**
[13] C
[51] **Int.Cl. C02F 1/00 (2006.01) A47K 3/28 (2006.01) B05B 7/00 (2006.01) C02F 1/78 (2006.01) E03C 1/02 (2006.01)**
[25] EN
[54] **OZONE SHOWER DEVICE**
[54] **DISPOSITIF DE DOUCHE A L'OZONE**
[72] PATTON, PAUL, US
[72] FOUST, THOMAS F., US
[72] RODENBECK, ROBERT W., US
[72] JONTE, PATRICK B., US
[73] DELTA FAUCET COMPANY, US
[86] (2846169)
[87] (2846169)
[22] 2014-03-14
[30] US (61/791,336) 2013-03-15

[11] **2,846,417**
[13] C
[51] **Int.Cl. G06F 12/0802 (2016.01) G06F 9/46 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SHARED CACHE USED TO PROVIDE ZERO COPY MEMORY MAPPED DATABASE**
[54] **ANTEMEMOIRE PARTAGEE SERVANT A FOURNIR UNE BASE DE DONNEES MEMORISEE A ZERO COPIE**
[72] BISWAL, PUNYA, US
[72] LIU, BEYANG, US
[72] MARINELLI, EUGENE, US
[72] GHAMSARI, NIMA, US
[73] PALANTIR TECHNOLOGIES, INC., US
[86] (2846417)
[87] (2846417)
[22] 2014-03-13
[30] US (13/827,627) 2013-03-14

[11] **2,847,753**
[13] C
[51] **Int.Cl. C11D 7/60 (2006.01) A61L 9/013 (2006.01) C11D 7/26 (2006.01) C11D 7/44 (2006.01)**
[25] EN
[54] **A NATURAL COMPOSITION COMPRISING VANILLA EXTRACT FOR USE AS A CLEANER AND/OR FRESHNER**
[54] **UNE COMPOSITION NATURELLE RENFERMANT UN EXTRAIT DE VANILLE DESTINEE A UN NETTOYEUR OU UN ASSAINISSEUR**
[72] MCKEOWN, MARGARET, CA
[73] CAPTAIN AND MALINKER INCORPORATED, CA
[86] (2847753)
[87] (2847753)
[22] 2014-03-27
[30] US (61/895073) 2013-10-24

[11] **2,848,072**
[13] C
[51] **Int.Cl. F24D 3/10 (2006.01)**
[25] EN
[54] **DIAPHRAGM PRESSURE EXPANSION VESSEL**
[54] **VASE D'EXPANSION A MEMBRANE**
[72] MULLER, FRANK, DE
[72] SCHMITZ, EGON, DE
[72] UNAL, BESIM, DE
[73] WINKELMANN SP. Z O.O., PL
[85] 2014-03-07
[86] 2012-09-03 (PCT/EP2012/067052)
[87] (WO2013/034508)
[30] DE (10 2011 113 028.8) 2011-09-10

[11] **2,848,435**
[13] C
[51] **Int.Cl. H01H 45/12 (2006.01)**
[25] EN
[54] **RELAY ASSEMBLY WITH EXHAUST COVER**
[54] **ENSEMBLE RELAIS AVEC COUVERCLE D'ECHAPPEMENT**
[72] SFORZA, ERNEST A., US
[72] GUTHIER, JOHN, US
[73] ABL IP HOLDING, LLC, US
[86] (2848435)
[87] (2848435)
[22] 2014-04-07
[30] US (61/809,730) 2013-04-08

[11] **2,848,676**
[13] C
[51] **Int.Cl. F41B 5/14 (2006.01) F41G 1/467 (2006.01)**
[25] EN
[54] **AUTOMATIC PIN ADJUSTMENT FOR ARCHERY SIGHTS**
[54] **REGLAGE AUTOMATIQUE DE L'□ILLETON DES MIRES POUR ARCS**
[72] ADAMS, BRIAN J., US
[72] BOWMAN, JACK, US
[72] WASSMER, JEFFREY ALAN, US
[72] HAHN, DAVID EUGENE, US
[73] BEAR ARCHERY INCORPORATED, US
[85] 2014-03-13
[86] 2012-09-12 (PCT/US2012/054812)
[87] (WO2013/043427)
[30] US (61/536,170) 2011-09-19
[30] US (61/562,135) 2011-11-21
[30] US (61/625,295) 2012-04-17
[30] US (13/604,142) 2012-09-05

---

[11] **2,848,754**
[13] C
[51] **Int.Cl. H04W 48/16 (2009.01)**
[25] EN
[54] **DISCOVERING NETWORK INFORMATION AVAILABLE VIA WIRELESS NETWORKS**
[54] **OBTENIR DES INFORMATIONS DE RESEAUX DISPONIBLES PAR LE BIAIS DE RESEAUX SANS FIL**
[72] MCCANN, STEPHEN, GB
[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-03-14
[86] 2012-09-13 (PCT/CA2012/050635)
[87] (WO2013/037064)
[30] US (13/234,799) 2011-09-16

---

[11] **2,850,816**
[13] C
[51] **Int.Cl. A61J 7/04 (2006.01) A61J 1/03 (2006.01) A61J 7/00 (2006.01) B65B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ASSIGNING TIMES OF ADMINISTRATION TO PRESCRIPTION MEDICATIONS**
[54] **SYSTEMES, METHODES ET PRODUITS DE PROGRAMME INFORMATIQUE SERVANT A ATTRIBUER DES HORAIRES D'ADMINISTRATION DE MEDICAMENTS D'ORDONNANCE**
[72] CUNNINGHAM, PAUL JOSEPH, US
[72] MCCARRON, ANDREW KELLER, US
[73] PARATA SYSTEMS, LLC, US
[86] (2850816)
[87] (2850816)
[22] 2014-05-01
[30] US (14/265,945) 2014-04-30

---

[11] **2,851,323**
[13] C
[51] **Int.Cl. G01N 1/20 (2006.01)**
[25] FR
[54] **MICROFLUIDIC DEVICE FOR ANALYZING A PRESSURIZED FLUID**
[54] **DISPOSITIF MICROFLUIDIQUE POUR ANALYSER UN FLUIDE SOUS PRESSION**
[72] ANGELESCU, DAN EUGEN, FR
[72] FREYERMUTH, PIERRE, FR
[73] CHAMBRE DE COMMERCE ET DE L'INDUSTRIE DE PARIS AU TITRE DE SON ETABLISSEMENT D'ENSEIGNEMENT SUPERIEUR ESIEE PARIS, FR
[73] EFS SA, FR
[85] 2014-04-07
[86] 2012-06-27 (PCT/FR2012/051484)
[87] (WO2013/054014)
[30] FR (1159278) 2011-10-13

---

[11] **2,851,777**
[13] C
[51] **Int.Cl. B22F 7/08 (2006.01) B22F 3/16 (2006.01) C04B 35/64 (2006.01) H01G 4/005 (2006.01) H01G 9/04 (2006.01) H01G 9/052 (2006.01)**
[25] EN
[54] **SINTERED ARTICLE AND METHOD OF MAKING SINTERED ARTICLE**
[54] **ARTICLE FRITTE ET PROCEDE DE FABRICATION D'ARTICLE FRITTE**
[72] EVANS, DAVID A., US
[73] EVANS CAPACITOR COMPANY, US
[85] 2014-04-10
[86] 2012-10-02 (PCT/US2012/058440)
[87] (WO2013/058977)
[30] US (13/274,393) 2011-10-17

---

[11] **2,852,308**
[13] C
[51] **Int.Cl. A45D 42/06 (2006.01) A45D 42/22 (2006.01) A45D 42/24 (2006.01) B62J 29/00 (2006.01) G02B 5/08 (2006.01) G02B 7/198 (2006.01)**
[25] EN
[54] **WEARABLE REFLECTIVE DEVICE**
[54] **DISPOSITIF REFLECHISSANT POUVANT ETRE PORTE**
[72] CRANE, RAYMOND PHILLIP, AU
[73] CRANE IP PTY LTD, AU
[85] 2014-04-15
[86] 2012-10-26 (PCT/AU2012/001314)
[87] (WO2013/059880)
[30] AU (2011904457) 2011-10-27

---

[11] **2,854,444**
[13] C
[51] **Int.Cl. B65D 51/20 (2006.01) B65D 41/62 (2006.01)**
[25] EN
[54] **PROTECTIVE SLEEVE FOR BEVERAGE CANS**
[54] **GAINE DE PROTECTION POUR CANETTES**
[72] ARANDA CAMPIN, DAVID, ES
[72] ROTTIER TUNEU, SERGIO, ES
[72] CANALS SIN, ANGEL, ES
[72] SOLER-ROIG DUALDE, ALEJO, ES
[73] ARAGONESA DE DESARROLLOS E INNOVACIONES S.L., ES
[85] 2014-05-02
[86] 2012-04-25 (PCT/ES2012/070282)
[87] (WO2013/072535)
[30] ES (U201131191) 2011-11-17

[11] **2,855,844**
[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENHANCED UPLINK MULTIPLEXING**
[54] **PROCEDE ET DISPOSITIF DE MULTIPLEXAGE EN LIAISON MONTANTE AMELIORE**
[72] TERRY, STEPHEN E., US
[73] INTEL CORPORATION, US
[86] (2855844)
[87] (2855844)
[22] 2005-07-05
[62] 2,776,885
[30] US (60/588,960) 2004-07-19
[30] US (11/113,763) 2005-04-25

---

[11] **2,855,875**
[13] C
[51] **Int.Cl. C01B 39/38 (2006.01) C07C 6/12 (2006.01)**
[25] EN
[54] **SYNTHESIS OF HIGH ACTIVITY LARGE CRYSTAL ZSM-5**
[54] **SYNTHESE D'UNE ZSM-5 A CRISTAUX DE GRANDE DIMENSION, DE HAUTE ACTIVITE**
[72] LAI, WENYIH FRANK, US
[72] HAMILTON, MERCI A., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-05-13
[86] 2012-11-27 (PCT/US2012/066588)
[87] (WO2013/081994)
[30] US (61/565,635) 2011-12-01

---

[11] **2,856,201**
[13] C
[51] **Int.Cl. G01R 31/34 (2006.01)**
[25] EN
[54] **SURFACE POTENTIAL DISTRIBUTION MEASURING DEVICE AND SURFACE POTENTIAL DISTRIBUTION MEASURING METHOD**
[54] **DISPOSITIF DE MESURE DE REPARTITION DE POTENTIEL DE SURFACE ET PROCEDE DE MESURE DE REPARTITION DE POTENTIEL DE SURFACE**
[72] TSUBOI, YUICHI, JP
[72] YAMADA, SHINICHIRO, JP
[72] YOSHIMITSU, TETSUO, JP
[72] HIDAKA, KUNIHIKO, JP
[72] KUMADA, AKIKO, JP
[72] IKEDA, HISATOSHI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2014-05-16
[86] 2012-11-21 (PCT/JP2012/007467)
[87] (WO2013/076975)
[30] JP (2011-258147) 2011-11-25

---

[11] **2,856,627**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/28 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **VIBRIO CHOLERAE LIPOPROTEIN 15 (LP15) VARIANTS AS ANTI-INTERFERENCE ADDITIVE IN TPN17-BASED IMMUNOASSAYS FOR DETECTION OF ANTI-TREPONEMA ANTIBODIES**
[54] **VARIANTES DE LIPOPROTEINE 15 (LP15) VIBRIO CHOLERAE COMME ADDITIF ANTI-INTERFERENCE DANS LES IMMUNOESSAIS FONDES SUR LA TPN17 EN VUE DE LA DETECTION D'ANTICORPS ANTI-TREPONEMA**
[72] FAATZ, ELKE, DE
[72] SCHAARSCHMIDT, PETER, DE
[72] SCHMITT, URBAN, DE
[72] SCHOLZ, CHRISTIAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2856627)
[87] (2856627)
[22] 2014-07-11
[30] EP (13003633.8) 2013-07-18

---

[11] **2,857,014**
[13] C
[51] **Int.Cl. C07C 229/00 (2006.01) C07C 227/42 (2006.01) C07C 229/16 (2006.01) C07C 229/24 (2006.01) C07C 229/76 (2006.01) C07D 257/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PURIFICATION OF POLYAMINOCARBOXYLATES**
[54] **PROCEDE DE PURIFICATION DE POLYAMINOCARBOXYLATES**
[72] RANGISETTY, JAGADEESH BABU, IN
[72] PULLAGURLA, MANIK REDDY, IN
[72] BHUDETI, RAJESH, IN
[73] BIOPHORE INDIA PHARMACEUTICALS PVT. LTD., IN
[85] 2014-05-26
[86] 2012-11-26 (PCT/IN2012/000768)
[87] (WO2013/076743)
[30] IN (4068/CHE/2011) 2011-11-25

---

[11] **2,857,617**
[13] C
[51] **Int.Cl. A47C 1/0355 (2013.01) A47C 1/024 (2006.01) A47C 7/00 (2006.01)**
[25] EN
[54] **COVERED LEG REST LINKAGE FOR FURNITURE MEMBER**
[54] **LIEN DE REPOSE-PIED RECOUVERT POUR ELEMENT D'AMEUBLEMENT**
[72] LAPOINTE, LARRY P., US
[73] LA-Z-BOY INCORPORATED, US
[86] (2857617)
[87] (2857617)
[22] 2014-07-23
[30] US (13/948,506) 2013-07-23

[11] **2,857,992**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/16 (2006.01) A61B 17/82 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **ORTHOPEDIC PLATE, ORTHOPEDIC DEVICE, METHOD OF COUPLING BONE SEGMENTS, AND METHOD OF ASSEMBLING AN ORTHOPEDIC PLATE**
[54] **PLAQUE ORTHOPEDIQUE, DISPOSITIF ORTHOPEDIQUE, PROCEDE DE COUPLAGE DE SEGMENTS D'OS ET PROCEDE D'ASSEMBLAGE D'UNE PLAQUE ORTHOPEDIQUE**
[72] HADDAD, STEVEN L., US
[72] BOND, PAUL, US
[73] ZIMMER GMBH, CH
[85] 2014-06-02
[86] 2012-12-07 (PCT/US2012/068449)
[87] (WO2013/086321)
[30] US (61/569,052) 2011-12-09

---

[11] **2,858,197**
[13] C
[51] **Int.Cl. C10G 51/02 (2006.01)**
[25] EN
[54] **SATURATION PROCESS FOR MAKING LUBRICANT BASE OILS**
[54] **PROCEDE DE SATURATION POUR FABRIQUER DES HUILES DE BASE DE LUBRIFIANTS**
[72] SCHLEICHER, GARY P., US
[72] CALLA, JASON T., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-06-04
[86] 2012-11-29 (PCT/US2012/066981)
[87] (WO2013/090012)
[30] US (61/576,118) 2011-12-15

---

[11] **2,858,398**
[13] C
[51] **Int.Cl. G06T 7/20 (2017.01) G06T 7/246 (2017.01) G06T 7/73 (2017.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ESTIMATING A POSE**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION D'UNE POSE**
[72] MARTINETZ, THOMAS, DE
[72] EHLERS, KRISTIAN, DE
[72] TIMM, FABIAN, DE
[72] BARTH, ERHARDT, DE
[72] KLEMENT, SASCHA, DE
[73] GESTIGON GMBH, DE
[85] 2014-06-06
[86] 2011-12-16 (PCT/EP2011/006388)
[87] (WO2013/087084)

---

[11] **2,859,417**
[13] C
[51] **Int.Cl. F04D 29/00 (2006.01) F04D 29/60 (2006.01) F16D 3/84 (2006.01) F16P 1/02 (2006.01)**
[25] EN
[54] **A GUARD FOR A ROTARY PUMP**
[54] **GARDE POUR UNE POMPE ROTATIVE**
[72] LIU, WEN-JIE, AU
[72] REID, NATHAN, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
[85] 2014-06-16
[86] 2012-12-19 (PCT/AU2012/001562)
[87] (WO2013/090998)
[30] AU (2011905281) 2011-12-19
[30] AU (2012900693) 2012-02-24

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[11] **2,859,511**
[13] C
[51] **Int.Cl. F24H 1/20 (2006.01) F24H 9/14 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **DOMESTIC GAS-FIRED WATER HEATER CONDENSING FLUE SYSTEM**
[54] **SYSTEME DE CHEMINEE DE CONDENSATION D'UN CHAUFFE-EAU DOMESTIQUE ALIMENTE AU GAZ**
[72] LESAGE, CLAUDE, CA
[72] LESAGE, JEAN-CLAUDE, CA
[73] MICLAU-S.R.I. INC., CA
[86] (2859511)
[87] (2859511)
[22] 2014-08-18

---

[11] **2,859,807**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) B64D 41/00 (2006.01) B64D 45/02 (2006.01) H02J 3/00 (2006.01) H02J 3/40 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **MODULAR EQUIPMENT CENTER SOLID STATE PRIMARY POWER SWITCHING NETWORK**
[54] **RESEAU DE COMMUTATION DE PUISSANCE PRIMAIRE A SEMI-CONDUCTEURS POUR CENTRES D'EQUIPEMENT MODULAIRES**
[72] SHANDER, MARK S., US
[72] LURTON, N. EVAN, US
[72] CURRIER, THOMAS F., US
[72] BROUWER, TODD B., US
[72] LIFFRING, MARK E., US
[72] DHONDT, JON J., US
[72] KERR, CAROLYN, US
[72] HOLLEY, ROBERT D., US
[72] SCHAFFNER, LOWELL W., US
[72] SOLODOVNIK, EUGENE, US
[72] THOMAS, TERRANCE L., US
[73] THE BOEING COMPANY, US
[86] (2859807)
[87] (2859807)
[22] 2014-08-18
[30] US (14/052,426) 2013-10-11

---

[11] **2,860,337**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **NANO-PARTICLE REINFORCED WELL SCREEN**
[54] **PARURE DE PUITS RENFORCEE PAR NANOPARTICULES**
[72] HOELSCHER, CHRISTOPHER C., US
[72] BONNER, AARON J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-23
[86] 2012-03-22 (PCT/US2012/030182)
[87] (WO2013/141867)

[11] **2,860,542**
[13] C
[51] **Int.Cl. H04R 25/00 (2006.01) H04W 84/18 (2009.01) H01Q 1/38 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **PERSONAL SOUND AMPLIFIER**
[54] **AMPLIFICATEUR DE SON PERSONNEL**
[72] TINAPHONG, PRAPAN PAUL, US
[73] VOXX INTERNATIONAL CORPORATION, US
[85] 2014-07-03
[86] 2013-01-08 (PCT/US2013/020692)
[87] (WO2013/106342)
[30] US (61/584,402) 2012-01-09

[11] **2,863,135**
[13] C
[51] **Int.Cl. F03D 80/00 (2016.01) F03D 13/20 (2016.01)**
[25] EN
[54] **WIND POWER PLANT HAVING A FIRE PROTECTION MODULE FOR A TRANSFORMER IN THE TOWER**
[54] **EOLIENNE EQUIPEE D'UN MODULE DE PROTECTION CONTRE LE FEU POUR UN TRANSFORMATEUR MONTE DANS LE MAT**
[72] HOLSCHER, NORBERT, DE
[72] BRASKE, MISCHA, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-07-29
[86] 2013-02-15 (PCT/EP2013/053061)
[87] (WO2013/127643)
[30] DE (10 2012 202 979.6) 2012-02-28

[11] **2,863,198**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) G06F 1/20 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **COOLING APPARATUS AND COOLING SYSTEM**
[54] **DISPOSITIF DE REFROIDISSEMENT ET SYSTEME DE REFROIDISSEMENT**
[72] INABA, KENICHI, JP
[72] YOSHIKAWA, MINORU, JP
[72] SAKAMOTO, HITOSHI, JP
[72] SHOUJIGUCHI, AKIRA, JP
[72] CHIBA, MASAKI, JP
[72] MATSUNAGA, ARIHIRO, JP
[73] NEC CORPORATION, JP
[85] 2014-07-29
[86] 2013-02-13 (PCT/JP2013/000749)
[87] (WO2013/121772)
[30] JP (2012-029603) 2012-02-14
[30] JP (2012-241992) 2012-11-01

[11] **2,864,815**
[13] C
[51] **Int.Cl. B01J 32/00 (2006.01) C10G 45/04 (2006.01)**
[25] EN
[54] **SPHEROIDAL RESID HYDRODEMETALLATION CATALYST**
[54] **CATALYSEUR D'HYDRODEMETALLISATION DE RESIDUS SPHEROIDAL**
[72] PLECHA, STANISLAW, US
[72] KAGAMI, NARINOBU, JP
[72] DUMA, VIOREL, US
[72] CREIGHTON, JOHN EVERETT, US
[73] ADVANCED REFINING TECHNOLOGIES LLC, US
[85] 2014-08-15
[86] 2013-02-15 (PCT/US2013/026323)
[87] (WO2013/123315)
[30] US (61/600,024) 2012-02-17

[11] **2,864,923**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SHARING FILES AMONG MULTIPLE TERMINALS**
[54] **SYSTEMES ET PROCEDES PERMETTANT LE PARTAGE DE FICHIERS ENTRE PLUSIEURS TERMINAUX**
[72] HUANG, JIANHUA, CN
[72] CHEN, TIAN, CN
[72] JIANG, QIAN, CN
[72] XIAO, XIAO, CN
[72] JIANG, XING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-08-18
[86] 2013-06-18 (PCT/CN2013/077356)
[87] (WO2014/048138)
[30] CN (201210361197.2) 2012-09-26

[11] **2,864,948**
[13] C
[51] **Int.Cl. H04L 27/26 (2006.01) H04L 27/20 (2006.01)**
[25] EN
[54] **METHOD AND A DEVICE FOR DECODING DIFFERENTIALLY MODULATED SYMBOLS**
[54] **PROCEDE ET DISPOSITIF DE DECODAGE DE SYMBOLES EN MODULATION DIFFERENTIELLE**
[72] CASTELAIN, DAMIEN, FR
[72] CIOCHINA, CRISTINA, FR
[73] MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V., NL
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2014-08-19
[86] 2013-02-25 (PCT/EP2013/053732)
[87] (WO2013/127746)
[30] EP (12157555.9) 2012-02-29

[11] **2,865,253**
[13] C
[51] **Int.Cl. D21F 3/08 (2006.01) D21G 1/02 (2006.01)**
[25] EN
[54] **A HYDROPHOBIC OR AMPHIPHOBIC ROLL COVER**
[54] **UN COUVERCLE DE ROULEAU HYDROPHOBE OU AMPHIPHOBE**
[72] TYSON, CHRIS, US
[72] HUNTER, CHARLES, US
[72] XU, JUN, US
[73] STOWE WOODWARD LICENSCO, LLC, US
[85] 2014-08-2?
[86] 2013-03-15 (PCT/US2013/031966)
[87] (WO2013/151743)
[30] US (61/621,037) 2012-04-06

[11] **2,865,523**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) G06F 19/10 (2011.01) G06F 19/20 (2011.01) G06F 19/22 (2011.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SIZE-BASED ANALYSIS OF FETAL DNA FRACTION IN MATERNAL PLASMA**
[54] **ANALYSE BASEE SUR LA TAILLE DE FRACTION D'ADN FOETAL DANS LE PLASMA MAT ERNEL**
[72] JIANG, PEIYONG, CN
[72] CHIU, WAI KWUN ROSSA, CN
[72] LO, YUK MING DENNIS, CN
[72] CHAN, KWAN CHEE, CN
[72] ZHENG, WENLI, CN
[72] LIAO, JIAWEI, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2014-08-26
[86] 2013-03-08 (PCT/IB2013/000312)
[87] (WO2013/132305)
[30] US (61/608,623) 2012-03-08
[30] US (61/621,451) 2012-04-06

[11] **2,865,552**
[13] C
[51] **Int.Cl. F03D 7/04 (2006.01) G06F 21/12 (2013.01)**
[25] EN
[54] **METHOD FOR CONFIGURING A WIND ENERGY INSTALLATION, AND WIND ENERGY INSTALLATION**
[54] **PROCEDE PERMETTANT DE CONFIGURER UNE EOLIENNE ET EOLIENNE**
[72] BOHLEN, WERNER HINRICH, DE
[72] GIERTZ, HELGE, DE
[72] SCHELLSCHMIDT, MARTIN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-08-25
[86] 2013-03-15 (PCT/EP2013/055353)
[87] (WO2013/139692)
[30] DE (10 2012 204 446.9) 2012-03-20

[11] **2,867,024**
[13] C
[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **LOW-DELAY VIDEO BUFFERING IN VIDEO CODING**
[54] **MISE EN MEMOIRE TAMPON VIDEO A FAIBLE RETARD DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-09-10
[86] 2013-02-26 (PCT/US2013/027808)
[87] (WO2013/151634)
[30] US (61/620,266) 2012-04-04
[30] US (61/641,063) 2012-05-01
[30] US (13/776,063) 2013-02-25

[11] **2,867,763**
[13] C
[51] **Int.Cl. B01J 29/74 (2006.01) G21C 9/06 (2006.01) G21C 19/317 (2006.01)**
[25] EN
[54] **HYDROGEN OXIDATION CATALYST, USE THEREOF, AND METHOD FOR HYDROGEN RECOMBINATION**
[54] **CATALYSEUR D'OXYDATION D'HYDROGENE, UTILISATION DE CELUI-CI, ET PROCEDE DE RECOMBINAISON D'HYDROGENE**
[72] MULLER, PATRICK, DE
[72] TISSLER, ARNO, DE
[72] KLOSE, FRANK, DE
[72] ALTHOFF, RODERIK, DE
[72] BUTTNER, OLAF, DE
[73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2014-09-18
[86] 2013-04-02 (PCT/EP2013/056943)
[87] (WO2013/150030)
[30] DE (10 2012 006 541.8) 2012-04-02

[11] **2,867,971**
[13] C
[51] **Int.Cl. B32B 5/32 (2006.01) B29C 44/56 (2006.01) B29C 65/02 (2006.01) B32B 3/18 (2006.01)**
[25] EN
[54] **STRUCTURAL ELEMENT AND METHOD FOR THE PRODUCTION THEREOF**
[54] **ELEMENT STRUCTURAL ET PROCEDE DE FABRICATION**
[72] RAKUTT, DIETMAR, CH
[72] GAUL, MARTIN, CH
[73] AIREX AG, CH
[85] 2014-09-19
[86] 2013-03-26 (PCT/EP2013/056374)
[87] (WO2013/144130)
[30] DE (10 2012 102 603.3) 2012-03-26
[30] DE (10 2012 102 689.0) 2012-03-28

[11] 2,868,766
[13] C
[51] **Int.Cl. G06F 21/78 (2013.01) G06F 21/60 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE THIRD-PARTY DATA STORAGE**
[54] **SYSTEMES ET PROCEDES POUR SECURISER UN STOCKAGE DE DONNEES TIERS**
[72] BOGORAD, WALTER, US
[73] SYMANTEC CORPORATION, US
[85] 2014-09-26
[86] 2013-02-28 (PCT/US2013/028224)
[87] (WO2013/148052)
[30] US (13/430,607) 2012-03-26

[11] 2,868,769
[13] C
[51] **Int.Cl. A46B 11/00 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **ORAL CARE SYSTEM WITH DETACHABLE DISPENSER**
[54] **SYSTEME DE SOIN BUCCAL AVEC DISTRIBUTEUR DETACHABLE**
[72] JIMENEZ, EDUARDO, US
[72] SORRENTINO, ALAN, US
[72] KENNEDY, SHARON, US
[72] GATZEMEYER, JOHN, US
[72] MOSKOVICH, ROBERT, US
[72] ROONEY, MICHAEL, US
[72] FATTORI, JOSEPH, US
[73] COLGATE-PALMOLIVE COMPANY, US
[86] (2868769)
[87] (2868769)
[22] 2010-12-22
[62] 2,779,022
[30] US (PCT/US2009/069402) 2009-12-23
[30] US (PCT/US2009/069408) 2009-12-23
[30] US (61/410,514) 2010-11-05
[30] US (61/423,449) 2010-12-15
[30] US (61/423,435) 2010-12-15
[30] US (61/423,414) 2010-12-15
[30] US (61/423,397) 2010-12-15

[11] *2,868,895
[13] C
[51] **Int.Cl. C07C 209/84 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR RECLAIMING SINGLE AND MIXED AMINE SOLVENTS**
[54] **SYSTEME ET PROCEDE DE RECUPERATION DE SOLVANTS AMINES, SEULS OU MELANGES**
[72] ABOUDHEIR, AHMED A., CA
[72] ELMOUDIR, WALID H., CA
[73] HTC PURENERGY INC., CA
[85] 2014-09-29
[86] 2013-03-28 (PCT/CA2013/050259)
[87] (WO2013/143001)
[30] US (61/617,309) 2012-03-29

[11] 2,868,906
[13] C
[51] **Int.Cl. B01D 46/52 (2006.01)**
[25] EN
[54] **FILTER ASSEMBLIES AND METHODS FOR PRODUCING FILTER ASSEMBLIES**
[54] **DISPOSITIFS DE FILTRE ET METHODE DE PRODUCTION DE DISPOSITIFS DE FILTRE**
[72] ZURLIENE, JOHN, US
[73] ZURLIENE, JOHN, US
[86] (2868906)
[87] (2868906)
[22] 2014-10-23
[30] US (61/895,575) 2013-10-25
[30] US (14/516,964) 2014-10-17

[11] 2,868,990
[13] C
[51] **Int.Cl. A61K 31/05 (2006.01) A01N 31/08 (2006.01) A61K 9/20 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PHARMACOLOGICALLY OPTIMIZED MULTIMODAL DRUG DELIVERY SYSTEM FOR NORDIHYDROGUIARETIC ACID (NDGA)**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT MULTIMODAL PHARMACOLOGIQUEMENT OPTIMISE POUR L'ACIDE NORDIHYDROGUAIARETIQUE (NDGA)**
[72] CHATURVEDI, PRAVIN R., US
[73] NAPO PHARMACEUTICALS, INC., US
[85] 2014-09-29
[86] 2012-04-23 (PCT/US2012/034675)
[87] (WO2012/145749)
[30] US (61/478,246) 2011-04-22

[11] 2,869,153
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **EFFICIENT MULTICAST IN A SMART GRID**
[54] **MULTIDIFFUSION EFFICACE DANS UN RESEAU INTELLIGENT**
[72] POPA, DANIEL, US
[72] JETCHEVA, JORJETA GUEORGUIEVA, US
[72] MANI, MEHDI, US
[72] MAINAUD, BASTIEN, US
[73] ITRON GLOBAL SARL, US
[85] 2014-09-30
[86] 2012-10-09 (PCT/US2012/059381)
[87] (WO2013/180742)
[30] EP (12004107.4) 2012-05-28

[11] 2,869,410
[13] C
[51] **Int.Cl. B28B 7/16 (2006.01) B28B 1/00 (2006.01) E03D 1/00 (2006.01) E03D 1/28 (2006.01) B28B 13/02 (2006.01)**
[25] EN
[54] **PRESSURE CASTING MOLD FOR PRODUCING A CAST PART**
[54] **MOULE POUR COULEE SOUS PRESSION POUR LA FABRICATION DE PIECE MOULEE**
[72] DE LA CORTE, JUAN ANGEL, DE
[72] LEDERMANN, CHRISTIAN, FR
[73] DURAVIT AKTIENGESELLSCHAFT, DE
[86] (2869410)
[87] (2869410)
[22] 2014-10-31
[30] DE (102013114946.4) 2013-12-30

---

[11] 2,869,892
[13] C
[51] **Int.Cl. E04F 11/18 (2006.01) E04F 11/00 (2006.01)**
[25] EN
[54] **RAILING AND BALUSTER PLUG SYSTEM**
[54] **SYSTEME DE CHEVILLES POUR RAMPE ET BALUSTRE**
[72] SCHNEIDER, CHRISTOPHER MICHAEL, US
[72] DESALLE, MICHAEL MATTHEW, US
[72] DIXON, WAYNE E., US
[73] BARRETTE OUTDOOR LIVING, INC., US
[86] (2869892)
[87] (2869892)
[22] 2014-10-30
[30] US (61/897,396) 2013-10-30
[30] US (14/511,424) 2014-10-10

---

[11] 2,870,626
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **2-(R2-THIO)-10-[3-(4-R1-PIPERAZIN-1-YL)PROPYL]-10H-PHENOTHIAZINE FOR TREATING A BETA-AMYLOIDOPATHY OR AN ALPHA-SYNUCLEOPATHY, AND METHOD FOR THE DIAGNOSIS OR PREDIAGNOSIS THEREOF**
[54] **2-(R2-THIO)-10-[3-(4-R1-PIPERAZIN-1-YL)PROPYL]-10H-PHENOTHIAZINE POUR LE TRAITEMENT D'UNE PATHOLOGIE BETA-AMYLOIDE OU D'UNE ALPHA-SYNUCLEOPATHIE, ET PROCEDE POUR EN FAIRE LE DIAGNOSTIC OU LE PRE-DIAGNOSTIC**
[72] PAHNKE, JENS, DE
[73] IMMUNGENETICS AG, DE
[86] (2870626)
[87] (2870626)
[22] 2011-08-30
[62] 2,811,454
[30] DE (10 2010 044 561.4) 2010-09-07

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[11] 2,871,098
[13] C
[51] **Int.Cl. G02B 6/00 (2006.01) G01B 11/16 (2006.01) G01D 5/353 (2006.01) G01M 11/00 (2006.01)**
[25] EN
[54] **BONDING METHOD AND BONDING TOOL, AND METHOD FOR PRODUCING STRUCTURAL BODY**
[54] **PROCEDE D'ADHERENCE ET EQUIPEMENT D'ADHERENCE, ET PROCEDE DE FABRICATION DE STRUCTURE**
[72] SAITO, NOZOMI, JP
[72] YARI, TAKASHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-10-21
[86] 2013-05-31 (PCT/JP2013/065148)
[87] (WO2014/002681)
[30] JP (2012-141981) 2012-06-25

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[11] 2,871,370
[13] C
[51] **Int.Cl. F03D 7/04 (2006.01) H02J 3/18 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **WIND FARM WITH FAST LOCAL REACTIVE POWER CONTROL**
[54] **PARC EOLIEN PERMETTANT UNE REGULATION LOCALE RAPIDE DE LA PUISSANCE REACTIVE**
[72] FORTMANN, JENS, DE
[73] SENVION SE, DE
[85] 2014-10-23
[86] 2013-04-29 (PCT/EP2013/058920)
[87] (WO2013/160486)
[30] US (61/639,379) 2012-04-27

---

[11] 2,872,063
[13] C
[51] **Int.Cl. A47J 42/24 (2006.01) A47J 42/30 (2006.01) A47J 42/34 (2006.01)**
[25] EN
[54] **HERB CHOPPER**
[54] **HACHOIR POUR HERBES**
[72] WILSON, TRACIE L.C., US
[72] RATTIN, OLIVIER, US
[72] MONTGOMERY, KEVIN, US
[72] DHURU, YASHODHAN, US
[72] CARPER, KENNETH E., US
[73] MCCORMICK & COMPANY, INCORPORATED, US
[86] (2872063)
[87] (2872063)
[22] 2014-11-24
[30] US (61/907,546) 2013-11-22

[11] 2,872,188
[13] C
[51] **Int.Cl. A61K 35/28 (2015.01) C12N 5/0775 (2010.01) C12N 5/079 (2010.01) A61P 25/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF TRAUMATIC BRAIN INJURY AND FOR MODULATION OF MIGRATION OF NEUROGENIC CELLS**
[54] **PROCEDES ET COMPOSITIONS DESTINES AU TRAITEMENT D'UNE LESION CEREBRALE TRAUMATIQUE ET A LA MODULATION DE LA MIGRATION DE CELLULES NEUROGENES**
[72] BORLONGAN, CESAR V., US
[72] CASE, CASEY C., US
[73] SANBIO, INC., US
[73] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2014-10-30
[86] 2013-03-13 (PCT/US2013/030895)
[87] (WO2013/172944)
[30] US (61/647,893) 2012-05-16

---

[11] 2,874,258
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/10 (2006.01) A61P 23/00 (2006.01) A61P 25/00 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **A PEPTIDE AND THE USE THEREOF**
[54] **UN PEPTIDE ET SON UTILISATION**
[72] LIN, CHENLUNG, CN
[73] WELL RESOURCES LIMITED, CN
[85] 2014-11-20
[86] 2012-05-25 (PCT/CN2012/000725)
[87] (WO2013/173941)

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[11] 2,875,287
[13] C
[51] **Int.Cl. C13B 20/06 (2011.01) C13B 50/00 (2011.01) C13B 99/00 (2011.01) A23L 3/00 (2006.01) A23L 3/16 (2006.01) A23L 3/26 (2006.01) A23L 3/32 (2006.01) C12N 1/00 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PASTEURIZATION OF SAP AND PRODUCTS THEREOF**
[54] **PROCEDE DE PASTEURISATION DE LA SEVE ET PRODUITS CONNEXES**
[72] BELAND, GENEVIEVE, CA
[72] BARBEAU, JULIE, CA
[73] FEDERATION DES PRODUCTEURS ACERICOLES DU QUEBEC, CA
[86] (2875287)
[87] (2875287)
[22] 2013-06-26
[62] 2,819,730
[30] US (61/762,695) 2013-02-08

---

[11] 2,875,583
[13] C
[51] **Int.Cl. A47F 7/00 (2006.01) A47B 96/14 (2006.01) A47F 5/00 (2006.01) H02G 3/04 (2006.01) H02J 4/00 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **MODULAR WALL ASSEMBLY FOR A COSMETIC FIXTURE SYSTEM**
[54] **ENSEMBLE PAROI MODULAIRE POUR SYSTEME DE FIXATION COSMETIQUE**
[72] HESTER-REDMOND, SUNSHINE RAE, US
[73] WALMART APOLLO, LLC, US
[86] (2875583)
[87] (2875583)
[22] 2014-12-23
[30] US (61/920388) 2013-12-23
[30] US (61/920426) 2013-12-23

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[11] 2,875,767
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR**
[54] **FORMES CRISTALLINES D'UN MODULATEUR DU RECEPTEUR DES ANDROGENES**
[72] SMITH, NICHOLAS D., US
[72] HERBERT, MARK R., US
[72] OUERFELLI, OUATHEK, US
[72] DILHAS, ANNA, CH
[73] ARAGON PHARMACEUTICALS, INC., US
[73] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2014-12-04
[86] 2013-06-04 (PCT/US2013/044116)
[87] (WO2013/184681)
[30] US (61/656,888) 2012-06-07

---

[11] 2,876,170
[13] C
[51] **Int.Cl. B29C 70/36 (2006.01)**
[25] EN
[54] **FORMATION OF THERMOPLASTIC PARTS**
[54] **FORMATION DE PIECES THERMOPLASTIQUES**
[72] HACKETT, ANDREW ROY, JR., US
[73] THE BOEING COMPANY, US
[86] (2876170)
[87] (2876170)
[22] 2014-12-30
[30] US (14/182,649) 2014-02-18

[11] **2,878,735**
[13] C
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01) H04N 5/76 (2006.01) H04N 5/91 (2006.01)**
[25] EN
[54] **PLAYBACK DEVICE, PLAYBACK METHOD, DISTRIBUTION DEVICE, DISTRIBUTION METHOD, DISTRIBUTION PROGRAM, PLAYBACK PROGRAM, RECORDING MEDIUM, AND METADATA**
[54] **DISPOSITIF DE LECTURE, PROCEDE DE LECTURE, DISPOSITIF DE DISTRIBUTION, PROCEDE DE DISTRIBUTION, PROGRAMME DE DISTRIBUTION, PROGRAMME DE LECTURE, SUPPORT D'ENREGISTREMENT, ET METADONNEES**
[72] WATANABE, SHUICHI, JP
[72] TOKUMO, YASUAKI, JP
[72] IWANAMI, TAKUYA, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2015-01-08
[86] 2013-07-04 (PCT/JP2013/068333)
[87] (WO2014/010501)
[30] JP (2012-155075) 2012-07-10
[30] JP (2012-224170) 2012-10-09
[30] JP (2013-004291) 2013-01-15
[30] JP (2013-085389) 2013-04-16

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[11] **2,879,047**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR USING A DOWNLOADABLE AGENT FOR A COMMUNICATION SYSTEM, DEVICE, OR LINK**
[54] **PROCEDE ET SYSTEME POUR UTILISER UN AGENT TELECHARGEABLE POUR UN SYSTEME, UN DISPOSITIF OU UNE LIAISON DE COMMUNICATION**
[72] DAGUM, LEONARDO, US
[72] BEDNARZ, PHILIP, US
[72] GOLDBURG, MARC, US
[72] TEHRANI, ARDAVAN MALEKI, US
[72] RHEE, WONJONG, US
[73] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US
[85] 2015-01-13
[86] 2012-09-25 (PCT/US2012/057152)
[87] (WO2014/011200)
[30] US (61/671,672) 2012-07-13

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[11] **2,879,058**
[13] C
[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/22 (2006.01)**
[25] EN
[54] **A STITCHED UNIDIRECTIONAL OR MULTI-AXIAL REINFORCEMENT AND A METHOD OF PRODUCING THE SAME**
[54] **RENFORCEMENT UNIDIRECTIONNEL OU MULTIAXIAL COUSU ET PROCEDE DE PRODUCTION DE CELUI-CI**
[72] BERGSTROM, RAINER, FI
[73] AHLSTROM-MUNKSJO OYJ, FI
[85] 2015-01-13
[86] 2013-07-15 (PCT/FI2013/050765)
[87] (WO2014/013138)
[30] EP (12177268.5) 2012-07-20
[30] FI (20135470) 2013-05-07

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[11] **2,879,334**
[13] C
[51] **Int.Cl. B41J 2/155 (2006.01) B41J 25/00 (2006.01) B41J 25/34 (2006.01)**
[25] EN
[54] **PRINT HEAD ADJUSTMENT DEVICE**
[54] **DISPOSITIF DE REGLAGE POUR TETE D'IMPRESSION**
[72] LUTZ, PATRIK, DE
[73] PADALUMA INK-JET-SOLUTIONS GMBH & CO. KG, DE
[85] 2015-01-16
[86] 2012-07-16 (PCT/EP2012/002982)
[87] (WO2014/012560)

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[11] **2,879,350**
[13] C
[51] **Int.Cl. A47C 20/08 (2006.01) A47C 20/10 (2006.01) A61G 7/05 (2006.01)**
[25] EN
[54] **ARTICULATING BED WITH FLEXIBLE MATTRESS SUPPORT**
[54] **LIT ARTICULE COMPORTANT UN SUPPORT DE MATELAS FLEXIBLE**
[72] CLENET, ALAIN, US
[73] ERGOMOTION, INC., US
[85] 2015-01-15
[86] 2013-07-19 (PCT/US2013/051400)
[87] (WO2014/015320)
[30] US (61/673,878) 2012-07-20

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[11] **2,880,103**
[13] C
[51] **Int.Cl. B62D 65/18 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **OVERHEAD CONVEYING DEVICE HAVING A SELF-SUPPORTING SUPPORTING FRAMEWORK**
[54] **DISPOSITIF DE TRANSPORT SURELEVE COMPORTANT UNE STRUCTURE PORTEUSE AUTOPORTANTE**
[72] HOSKER, TORSTEN, DE
[73] HOSKER, TORSTEN, DE
[85] 2015-01-26
[86] 2013-07-24 (PCT/DE2013/000407)
[87] (WO2014/023277)
[30] DE (10 2012 214 127.8) 2012-08-09

[11] **2,880,448**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR COMPONENT CARRIER CONFIGURATION, BASE STATION AND USER EQUIPMENT**
[54] **PROCEDE POUR LA CONFIGURATION D'UNE COMPOSANTE PORTEUSE, STATION DE BASE, ET EQUIPEMENT D'UTILISATEUR**
[72] HUANG, LEI, CN
[72] LIU, RENMAO, CN
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2015-01-28
[86] 2013-07-30 (PCT/JP2013/004612)
[87] (WO2014/020903)
[30] CN (201210266541.X) 2012-07-31

[11] **2,880,736**
[13] C
[51] **Int.Cl. G01R 1/02 (2006.01) G01R 19/00 (2006.01)**
[25] EN
[54] **MEASURING INSTRUMENT FOR DETECTION OF ELECTRICAL PROPERTIES IN A LIQUID**
[54] **INSTRUMENT DE MESURE SERVANT A DETECTER DES PROPRIETES ELECTRIQUES DANS UN LIQUIDE**
[72] FOURNIER, DERRICK P., CA
[72] PALMA, HENRY A., CA
[72] SMYTH, CAMERON, CA
[73] 2351161 ONTARIO LIMITED, CA
[85] 2015-02-02
[86] 2013-02-22 (PCT/CA2013/000159)
[87] (WO2014/019061)
[30] CA (2784627) 2012-08-03

[11] **2,883,382**
[13] C
[51] **Int.Cl. H05B 6/64 (2006.01)**
[25] EN
[54] **SEMI-INSTANT THERMO HEATER INDUCED BY MICROWAVES**
[54] **APPAREIL DE CHAUFFAGE THERMIQUE SEMI-INSTANTANE A INDUCTION PAR MICRO-ONDES**
[72] CORREA HIDALGO, DIEGO JOSE, ES
[73] CORREA HIDALGO, DIEGO JOSE, ES
[85] 2015-02-27
[86] 2012-10-03 (PCT/ES2012/070686)
[87] (WO2014/053673)

[11] **2,883,818**
[13] C
[51] **Int.Cl. C23C 30/00 (2006.01) C04B 35/50 (2006.01)**
[25] EN
[54] **ARTICLES HAVING REDUCED EXPANSION AND HERMETIC ENVIRONMENTAL BARRIER COATINGS AND METHODS FOR THEIR MANUFACTURE**
[54] **ARTICLES AYANT UNE DILATATION THERMIQUE REDUITE ET DES REVETEMENTS DE BARRIERE ENVIRONNEMENTALE HERMETIQUES ET LEURS METHODES DE FABRICATION**
[72] ROSENZWEIG, LARRY STEVEN, US
[72] SARRAFI-NOUR, REZA, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2883818)
[87] (2883818)
[22] 2015-03-05
[30] US (14/211,302) 2014-03-14

[11] **2,884,567**
[13] C
[51] **Int.Cl. G01N 33/49 (2006.01) G01N 11/16 (2006.01)**
[25] EN
[54] **BLOOD COAGULOMETER AND METHOD**
[54] **COAGULOMETRE ET PROCEDE**
[72] GILL, BRIJESH S., US
[72] AROOM, KEVIN, US
[72] COX, CHARLES, JR., US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-03-10
[86] 2013-09-11 (PCT/US2013/059286)
[87] (WO2014/043251)
[30] US (61/699,494) 2012-09-11

[11] **2,884,614**
[13] C
[51] **Int.Cl. E04F 13/21 (2006.01)**
[25] EN
[54] **OUTER WALL MOUNTING MEMBER AND OUTER WALL STRUCTURE**
[54] **ELEMENT D'INSTALLATION DE MUR EXTERIEUR ET STRUCTURE DE MUR EXTERIEUR**
[72] SAWADA, KOJI, JP
[73] NICHIHA CORPORATION, JP
[86] (2884614)
[87] (2884614)
[22] 2015-03-11
[30] JP (JP2014-162988) 2014-08-08

[11] 2,886,291
[13] C
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 71/62 (2006.01) C08F 232/08 (2006.01) C08F 297/08 (2006.01) C08J 5/18 (2006.01) C08J 9/228 (2006.01) C08L 45/00 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY HYBRID CASTING (IB)**
[54] **MEMBRANE COMPORTANT UN COPOLYMERE SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR COULAGE HYBRIDE (IB)**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[72] GRZENIA, DAVID LUKAS, US
[73] PALL CORPORATION, US
[86] (2886291)
[87] (2886291)
[22] 2015-03-26
[30] US (14/292,710) 2014-05-30

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[11] 2,886,543
[13] C
[51] **Int.Cl. E06C 7/16 (2006.01)**
[25] EN
[54] **MINI PLATFORM SET FOR LADDERS**
[54] **ENSEMBLE DE MINI-PLATEFORME POUR ECHELLES**
[72] GOOS, RICHARD H., CA
[73] GOOS, RICHARD H., CA
[86] (2886543)
[87] (2886543)
[22] 2015-03-27

---

[11] 2,886,799
[13] C
[51] **Int.Cl. H04W 28/16 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **RADIO BASE STATION AND MOBILE STATION**
[54] **STATION RADIO DE BASE ET STATION MOBILE**
[72] UCHINO, TOORU, JP
[72] TAKAHASHI, HIDEAKI, JP
[72] SAGAE, YUTA, JP
[72] TAKEDA, KAZUAKI, JP
[73] NTT DOCOMO, INC., JP
[85] 2015-03-30
[86] 2013-10-03 (PCT/JP2013/076912)
[87] (WO2014/054722)
[30] JP (2012-223599) 2012-10-05

---

[11] 2,888,104
[13] C
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/06 (2006.01) A61F 13/10 (2006.01)**
[25] EN
[54] **WOUND DRESSING GARMENT**
[54] **VETEMENT FORMANT UN PANSEMENT**
[72] CURETON, MARY ROSE, US
[72] KANE, MICHAEL J., US
[73] ROAR CONSULTANTS, US
[85] 2015-04-10
[86] 2012-10-11 (PCT/US2012/059712)
[87] (WO2013/055892)
[30] US (61/546,272) 2011-10-12

---

[11] 2,888,152
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6853 (2018.01) C12Q 1/6858 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **PRIMERS WITH MODIFIED PHOSPHATE AND BASE IN ALLELE-SPECIFIC PCR**
[54] **AMORCES A PHOSPHATE MODIFIE ET BASE POUR PCR SPECIFIQUE D'ALLELES**
[72] FROEHNER, STEFANIE, DE
[72] HEINDL, DIETER, DE
[72] KESSLER, DIRK, DE
[72] SCHOENBRUNNER, NANCY, US
[72] TSAN, ALISON, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-04-14
[86] 2013-12-11 (PCT/EP2013/076148)
[87] (WO2014/090837)
[30] US (61/736,742) 2012-12-13

---

[11] 2,888,426
[13] C
[51] **Int.Cl. G01M 7/02 (2006.01) G01S 5/18 (2006.01)**
[25] EN
[54] **NOISE SOURCE DECOMPOSITION SYSTEM AND METHOD USING AN ADAPTABLE APERTURE PHASED ARRAY**
[54] **MECANISME ET METHODE DE DECOMPOSITION DE SOURCE DE BRUIT A L'AIDE D'UN RESEAU PILOTE EN PHASE A OUVERTURE ADAPTABLE**
[72] UNDERBRINK, JAMES ROBERT, US
[72] BRUSNIAK, LEON, US
[73] THE BOEING COMPANY, US
[86] (2888426)
[87] (2888426)
[22] 2015-04-16
[30] US (14/292,854) 2014-05-31

---

[11] 2,889,584
[13] C
[51] **Int.Cl. A61K 31/4422 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLING BLOOD PRESSURE AND REDUCING DYSPNEA IN HEART FAILURE**
[54] **PROCEDES DE REGULATION DE LA PRESSION SANGUINE ET DE LA DIMINUTION DE DYSPNEE DANS UNE INSUFFISANCE CARDIAQUE**
[72] SPINDLER, EDWARD C., JR., US
[72] ITRI, LORETTA M., US
[72] WILLIAMS, GREGORY CHARLES, US
[72] HU, MING-YI, US
[73] CHIESI FARMACEUTICI S.P.A., IT
[85] 2015-04-24
[86] 2013-10-26 (PCT/US2013/066990)
[87] (WO2014/066870)
[30] US (61/719,127) 2012-10-26

[11] 2,889,683
[13] C
[51] **Int.Cl. C10G 70/04 (2006.01) B01D 53/26 (2006.01) B01D 53/56 (2006.01) C10G 70/00 (2006.01)**
[25] EN
[54] **NOX REMOVAL METHOD**
[54] **PROCEDE D'ELIMINATION DES NOX**
[72] IACCINO, LARRY L., US
[72] MORAN, MICHAEL, US
[72] CARRETTIN, SILVIO, BE
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2015-04-27
[86] 2013-11-07 (PCT/US2013/068831)
[87] (WO2014/078153)
[30] US (61/726,796) 2012-11-15
[30] EP (13151521.5) 2013-01-16

---

[11] 2,890,282
[13] C
[51] **Int.Cl. C10G 2/00 (2006.01) C10J 3/00 (2006.01) C10J 3/46 (2006.01) C10K 1/00 (2006.01) C10K 1/10 (2006.01) C10K 1/20 (2006.01) C10K 1/34 (2006.01) C10K 3/04 (2006.01) C10K 3/06 (2006.01)**
[25] FR
[54] **IMPROVED METHOD FOR CONVERTING A FEEDSTOCK CONTAINING BIOMASS FOR THE PRODUCTION OF HYDROCARBONS, BY MEANS OF FISCHER-TROPSCH SYNTHESIS**
[54] **PROCEDE AMELIORE DE CONVERSION D'UNE CHARGE CONTENANT DE LA BIOMASSE POUR LA PRODUCTION D'HYDROCARBURES PAR VOIE DE SYNTHESE FISCHER-TROPSCH**
[72] BOISSONNET, GUILLAUME, FR
[72] HECQUET, MICHAEL, FR
[72] AVENIER, PRISCILLA, FR
[72] BOURNAY, LAURENT, FR
[72] CHICHE, DAVID, FR
[72] HERAUD, JEAN-PHILIPPE, FR
[72] LUCQUIN, ANNE CLAIRE, FR
[72] ULLRICH, NORBERT, DE
[72] FEDOU, STEPHANE, FR
[72] ROUSSEAU, JULIEN, FR
[72] LEMAIRE, RAPHAEL, FR
[72] VIGUIE, JEAN-CHRISTOPHE, FR
[73] IFP ENERGIES NOUVELLES, FR
[73] AXENS, FR
[73] BIONEXT, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] TOTAL RAFFINAGE CHIMIE, FR
[73] AVRIL, FR
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-04-29
[86] 2013-10-30 (PCT/FR2013/052600)
[87] (WO2014/068253)
[30] FR (1202944) 2012-10-31

---

[11] 2,890,756
[13] C
[51] **Int.Cl. C05G 5/00 (2006.01) C05F 11/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **GRANULAR FERTILIZERS HAVING IMPROVED DUST CONTROL**
[54] **ENGRAIS GRANULES AYANT UN CONTROLE DES POUSSIERES AMELIORE**
[72] PEACOCK, LAWRENCE ALAN, US
[72] HOLT, TIMOTHY GENE, US
[72] COCHRAN, KEITH DEWAYNE, US
[73] THE MOSAIC COMPANY, US
[85] 2015-05-06
[86] 2013-11-18 (PCT/US2013/070519)
[87] (WO2014/081657)
[30] US (61/729,142) 2012-11-21
[30] US (13/826,452) 2013-03-14

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[11] 2,891,669
[13] C
[51] **Int.Cl. A61C 19/00 (2006.01) A61B 90/70 (2016.01) A61L 2/02 (2006.01)**
[25] EN
[54] **TREATMENT CHAMBER OR TREATMENT CARRIER AND DEVICE FOR TREATING AT LEAST ONE MEDICAL, IN PARTICULAR DENTAL, INSTRUMENT**
[54] **CHAMBRE DE TRAITEMENT OU SUPPORT DE TRAITEMENT AINSI QUE DISPOSITIF DE TRAITEMENT D'AU MOINS UN INSTRUMENT MEDICAL, EN PARTICULIER DENTAIRE**
[72] WIMMER, STEFAN, AT
[73] W & H DENTALWERK BURMOOS GMBH, AT
[85] 2015-05-14
[86] 2013-12-19 (PCT/EP2013/077271)
[87] (WO2014/096119)
[30] EP (12198313.4) 2012-12-20

---

[11] 2,893,235
[13] C
[51] **Int.Cl. B62D 55/104 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **ENDLESS TRACK SUSPENSION**
[54] **SUSPENSION A CHENILLE**
[72] DESPRES, JEAN, CA
[73] CAMSO INC., CA
[86] (2893235)
[87] (2893235)
[22] 2006-07-12
[62] 2,770,498

[11] **2,893,390**
[13] C
[51] **Int.Cl. E04B 1/82 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **SOUND DAMPENING WALL**
[54] **PAROI ATTENUANT LE SON**
[72] SESSLER, JON, US
[72] SESSLER, MICHAEL, US
[73] SESSLER, JON, US
[73] SESSLER, MICHAEL, US
[86] (2893390)
[87] (2893390)
[22] 2015-05-27
[30] US (62/010,898) 2014-06-11
[30] US (14/709,037) 2015-05-11

[11] **2,894,246**
[13] C
[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/49 (2006.01) A61F 13/532 (2006.01) A61F 13/533 (2006.01) A61F 13/535 (2006.01) A61F 13/536 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES WITH CHANNELS**
[54] **ARTICLES ABSORBANTS AVEC CANAUX**
[72] ROE, DONALD CARROLL, US
[72] KREUZER, CARSTEN HEINRICH, DE
[72] ROSATI, RODRIGO, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-05
[86] 2013-12-05 (PCT/US2013/073350)
[87] (WO2014/093128)
[30] US (13/709,169) 2012-12-10

[11] **2,894,248**
[13] C
[51] **Int.Cl. B29C 64/393 (2017.01) B29C 64/153 (2017.01) B29C 64/188 (2017.01) B22F 3/105 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL SHAPING METHOD**
[54] **METHODE DE FORMAGE TRIDIMENSIONNEL**
[72] ISHIMOTO, KOUSUKE, JP
[72] ICHIMURA, MAKOTO, JP
[72] AMAYA, KOUICHI, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[86] (2894248)
[87] (2894248)
[22] 2015-06-12
[30] JP (JP 2015-027553) 2015-02-16

[11] **2,894,527**
[13] C
[51] **Int.Cl. F24H 1/12 (2006.01) F24H 9/00 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **HOT WATER-CENTERED COMBINED HOT WATER AND HEATING BOILER**
[54] **CHAUDIERE DE CHAUFFAGE ET D'EAU CHAUDE COMBINEE CENTREE SUR L'EAU CHAUDE**
[72] PARK, JUN KYU, KR
[72] KIM, HYOUNG RAE, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2015-06-09
[86] 2013-10-15 (PCT/KR2013/009189)
[87] (WO2014/092323)
[30] KR (10-2012-0144304) 2012-12-12

[11] **2,894,925**
[13] C
[51] **Int.Cl. B29D 30/54 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RETREADING TYRES**
[54] **APPAREIL ET PROCEDE DE RECHAPAGE DE PNEUS**
[72] ERDMAN, ALAN, AU
[73] ERDMAN, ALAN, AU
[85] 2015-06-12
[86] 2012-12-14 (PCT/AU2012/001533)
[87] (WO2013/086577)
[30] AU (2011905259) 2011-12-16

[11] **2,895,143**
[13] C
[51] **Int.Cl. A21D 13/30 (2017.01) A23P 20/20 (2016.01) A21D 13/40 (2017.01) A21D 8/00 (2006.01)**
[25] EN
[54] **SOFT TEXTURED FOOD COMPOSITION WITH SLOWLY AVAILABLE CARBOHYDRATES**
[54] **COMPOSITION ALIMENTAIRE DE TEXTURE MOLLE CONTENANT DES SUCRES LENTS**
[72] OKONIEWSKA, MONIKA, US
[72] COLEMAN, EDWARD C., US
[72] PAGE, EDOUARD, FR
[72] GRUNTORADOVA, LENKA, FR
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2015-06-12
[86] 2014-03-13 (PCT/US2014/026853)
[87] (WO2014/152037)
[30] US (61/793,433) 2013-03-15

[11] **2,896,247**
[13] C
[51] **Int.Cl. C10G 67/04 (2006.01) C10G 21/30 (2006.01)**
[25] EN
[54] **INTERGRATION OF RESIDUE HYDROCRACKING AND SOLVENT DEASPHALTING**
[54] **INTEGRATION D'HYDROCRAQUAGE DE RESIDU ET DE DESASPHALTAGE DE SOLVANT**
[72] BALDASSARI, MARIO C., US
[72] MUKHERJEE, UJJAL K., US
[72] OLSEN, ANN-MARIE, US
[72] GREENE, MARVIN I., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-06-22
[86] 2014-01-31 (PCT/US2014/014106)
[87] (WO2014/121052)
[30] US (13/758,554) 2013-02-04

[11] **2,896,581**
[13] C
[51] **Int.Cl. G06F 13/16 (2006.01) G06F 12/00 (2006.01)**
[25] EN
[54] **PROCESSING SYSTEM WITH EXTERNAL MEMORY ACCESS CONTROL**
[54] **SYSTEME DE TRAITEMENT AVEC COMMANDE D'ACCES A UNE MEMOIRE EXTERNE**
[72] HAYS, PAUL J., US
[72] MCANALLY, CRAIG B., US
[72] MANSFIELD, WILLIAM M., US
[73] MICRO MOTION, INC., US
[86] (2896581)
[87] (2896581)
[22] 2008-07-23
[62] 2,731,728

[11] **2,896,635**
[13] C
[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING THE CLOSING SPEED OF VALVE GATED NOZZLES**
[54] **SYSTEME PERMETTANT DE COMMANDER LA VITESSE DE FERMETURE DE BUSES A OBTURATEUR**
[72] PLUMPTON, JAMES OSBORNE, US
[72] OVERFIELD, SARAH KATHLEEN, US
[72] BOUTI, ABDESLAM, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2015-06-25
[86] 2014-01-28 (PCT/US2014/013265)
[87] (WO2014/120629)
[30] US (61/758,305) 2013-01-30

---

[11] **2,896,814**
[13] C
[51] **Int.Cl. G10L 21/0208 (2013.01) G10L 19/24 (2013.01) G10L 21/0388 (2013.01) G10L 19/07 (2013.01) G10L 21/0216 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PERFORMING FILTERING FOR GAIN DETERMINATION**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER UN FILTRAGE EN VUE D'UNE DETERMINATION DE GAIN**
[72] ATTI, VENKATRAMAN SRINIVASA, US
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] VILLETTE, STEPHANE PIERRE, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-06-29
[86] 2013-08-06 (PCT/US2013/053806)
[87] (WO2014/123579)
[30] US (61/762,807) 2013-02-08
[30] US (13/959,188) 2013-08-05

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[11] **2,897,338**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **DATA STREAM SPLITTING FOR LOW-LATENCY DATA ACCESS**
[54] **DIVISION DE FLUX DE DONNEES POUR ACCES A DES DONNEES A FAIBLE LATENCE**
[72] RASH, SAMUEL, US
[72] BORTHAKUR, DHRUBAJYOTI, US
[72] SHAO, ZHENG, US
[72] HWANG, ERIC, US
[73] FACEBOOK, INC., US
[85] 2015-07-06
[86] 2014-01-17 (PCT/US2014/012120)
[87] (WO2014/120487)
[30] US (13/756,340) 2013-01-31

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[11] **2,897,622**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **NUCLEIC ACID TARGET IDENTIFICATION BY STRUCTURE BASED PROBE CLEAVAGE**
[54] **IDENTIFICATION DE CIBLE D'ACIDE NUCLEIQUE PAR CLIVAGE DE SONDE BASE SUR LA STRUCTURE**
[72] GUPTA, AMAR, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-07-09
[86] 2014-03-13 (PCT/EP2014/054910)
[87] (WO2014/140147)
[30] US (61/799,127) 2013-03-15

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[11] **2,898,005**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **TIME DOMAIN LEVEL ADJUSTMENT FOR AUDIO SIGNAL DECODING OR ENCODING**
[54] **REGLAGE DE NIVEAU DE DOMAINE TEMPOREL POUR LE DECODAGE OU LE CODAGE DE SIGNAL AUDIO**
[72] SCHREINER, STEPHAN, DE
[72] BORSUM, ARNE, DE
[72] NEUSINGER, MATTHIAS, DE
[72] JANDER, MANUEL, DE
[72] LOHWASSER, MARKUS, DE
[72] NEUGEBAUER, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-07-13
[86] 2014-01-07 (PCT/EP2014/050171)
[87] (WO2014/111290)
[30] EP (13151910.0) 2013-01-18

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[11] **2,898,646**
[13] C
[51] **Int.Cl. F02B 77/11 (2006.01) F02B 19/00 (2006.01) F02B 43/04 (2006.01)**
[25] EN
[54] **THERMALLY STRATIFIED REGENERATIVE COMBUSTION CHAMBER AND METHOD FOR MODIFYING A COMBUSTION CHAMBER IN AN INTERNAL COMBUSTION ENGINE AND RESULTING ENGINE**
[54] **CHAMBRE DE COMBUSTION PAR REGENERATION ET A STRATIFICATION DU FLUIDE CALOPORTEUR ET PROCEDE PERMETTANT DE MODIFIER UNE CHAMBRE DE COMBUSTION DANS UN MOTEUR A COMBUSTION INTERNE ET MOTEUR EN RESULTANT**
[72] POURING, ANDREW A., US
[72] HAYES, MATTHEW B., US
[72] BOPP, BRAD R., US
[72] WEBER, MANFRED C., US
[72] KELLER, MICHAEL L., US
[73] SONEX RESEARCH, INC., US
[85] 2015-07-17
[86] 2014-01-28 (PCT/US2014/013432)
[87] (WO2014/117177)
[30] US (61/757,379) 2013-01-28
[30] US (61/757,383) 2013-01-28

[11] 2,898,907
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **SECURING RESULTS OF PRIVILEGED COMPUTING OPERATIONS**
[54] **PROTECTION DE RESULTATS D'OPERATIONS INFORMATIQUES PRIVILEGIEES**
[72] BRANDWINE, ERIC JASON, US
[72] WILSON, MATTHEW SHAWN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-21
[86] 2014-01-22 (PCT/US2014/012605)
[87] (WO2014/116744)
[30] US (13/746,780) 2013-01-22

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[11] 2,900,927
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) G06F 19/10 (2011.01) G06F 19/22 (2011.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **DIAGNOSING FETAL CHROMOSOMAL ANEUPLOIDY USING GENOMIC SEQUENCING**
[54] **DIAGNOSTIC D'UNE ANEUPLOIDIE CHROMOSOMIQUE FOETALE A L'AIDE D'UN SEQUENCAGE GENOMIQUE**
[72] LO, YUK-MING DENNIS, HK
[72] CHIU, ROSSA WAI KWUN, HK
[72] CHAN, KWAN CHEE, HK
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[86] (2900927)
[87] (2900927)
[22] 2008-07-23
[62] 2,693,081
[30] US (60/951,438) 2007-07-23

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[11] 2,901,146
[13] C
[51] **Int.Cl. B23B 27/14 (2006.01) B23B 27/16 (2006.01) B23B 29/06 (2006.01)**
[25] EN
[54] **SINGLE-SIDED SQUARE-SHAPED INDEXABLE CUTTING INSERT AND CUTTING TOOL**
[54] **PLAQUETTE DE COUPE INDEXABLE DE FORME CARREE A UNE SEULE FACE ET OUTIL DE COUPE**
[72] HECHT, GIL, IL
[72] HEN, DANIEL, IL
[73] ISCAR LTD., IL
[85] 2015-08-12
[86] 2014-01-28 (PCT/IL2014/050095)
[87] (WO2014/125475)
[30] US (13/767,626) 2013-02-14

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[11] 2,902,075
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **A TENSIONING RING FOR RESTORING THE ANTERIOR CAPSULE CENTRIPETAL FORCES LOST BY CAPSULORHEXIS AND EXEMPLARY CAPSULES CONTAINING ACCOMODATIVE INTRAOCULAR LENSES AND RESTORED BY SAME**
[54] **UNE BAGUE DE MISE SOUS TENSION SERVANT A RETABLIR LES FORCES CENTRIPETES DE LA CAPSULE ANTERIEURE PAR CAPSULORHEXIE ET CAPSULES EXEMPLAIRES COMPORTANT DES LENTILLES INTRAOCULAIRESACCOMMODANTE ET RESTOREES PAR LADITE BAGUE**
[72] HONIGSBAUM, RICHARD, US
[73] HONIGSBAUM, RICHARD, US
[85] 2015-08-20
[86] 2014-02-27 (PCT/US2014/019016)
[87] (WO2014/134302)
[30] US (61/770,446) 2013-02-28

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[11] 2,902,345
[13] C
[51] **Int.Cl. B05C 17/01 (2006.01) A61L 24/02 (2006.01) A61L 24/04 (2006.01)**
[25] EN
[54] **PASTE APPLICATION SYSTEM FOR THE MIXING OF A PASTE MADE OF TWO COMPONENTS**
[54] **SYSTEME D'APPLICATION DE PATE DESTINE AU MELANGE D'UNE PATE FAITE DE DEUX COMPOSANTES**
[72] VOGT, SEBASTIAN, DE
[72] GREINER, CLEMENS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2902345)
[87] (2902345)
[22] 2015-08-28
[30] DE (10 2014 113 816.3) 2014-09-24

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[11] 2,902,445
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTER-CELL RESOURCE SHARING**
[54] **METHODES ET SYSTEME DE PARTAGE DE RESSOURCE INTERCELLULAIRE**
[72] MURUGANATHAN, SIVA DHARSHAN, CA
[72] JIA, YONGKANG, CA
[72] SONG, YI, US
[72] XU, HUA, CA
[72] POURAHMADI, VAHID, CA
[72] HARRISON, ROBERT MARK, US
[72] GAO, SHIWEI, CA
[73] BLACKBERRY LIMITED, CA
[85] 2015-08-25
[86] 2014-02-11 (PCT/US2014/015839)
[87] (WO2014/133752)
[30] US (13/777,794) 2013-02-26

[11] **2,902,771**
[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/30 (2016.01) A61B 90/94 (2016.01) A61B 90/98 (2016.01) A61B 1/045 (2006.01)**
[25] EN
[54] **CONTEXT AWARE SURGICAL SYSTEMS**
[54] **SYSTEMES CHIRURGICAUX SENSIBLES AU CONTEXTE**
[72] PIRON, CAMERON, CA
[72] WOOD, MICHAEL, CA
[72] SELA, GAL, CA
[72] RICHMOND, JOSHUA, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] MCFADYEN, STEPHEN, CA
[72] PANTHER, ALEX, CA
[72] SHANMUGARATNAM, NISHANTHAN, CA
[72] LAU, WILLIAM, CA
[72] THOMAS, MONROE M., CA
[72] HODGES, WES, CA
[72] ALEXANDER, SIMON, CA
[72] GALLOP, DAVID, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2015-08-27
[86] 2014-03-14 (PCT/CA2014/050265)
[87] (WO2014/139018)
[30] US (61/801,530) 2013-03-15
[30] US (61/800,695) 2013-03-15
[30] US (61/800,787) 2013-03-15
[30] US (61/800,911) 2013-03-15
[30] US (61/801,746) 2013-03-15
[30] US (61/801,143) 2013-03-15
[30] US (61/801,282) 2013-03-15
[30] US (61/800,155) 2013-03-15
[30] US (61/818,255) 2013-05-01
[30] US (61/818,325) 2013-05-01
[30] US (61/818,280) 2013-05-01
[30] US (61/818,223) 2013-05-01
[30] US (61/924,993) 2014-01-08

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[11] **2,903,400**
[13] C
[51] **Int.Cl. F16H 1/46 (2006.01) F16H 1/28 (2006.01) F16H 1/48 (2006.01)**
[25] EN
[54] **GEARBOX WITH REDUCED BACKLASH**
[54] **BOITE A ENGRENAGES A JEU D'ENGRENEMENT REDUIT**
[72] CHHOUR, BERTRAND, FR
[73] GOODRICH ACTUATION SYSTEMS SAS, FR
[86] (2903400)
[87] (2903400)
[22] 2015-09-03
[30] EP (14306369.1) 2014-09-05

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[11] **2,903,497**
[13] C
[51] **Int.Cl. H01M 4/133 (2010.01) H01M 4/134 (2010.01) H01M 4/583 (2010.01) H01M 4/587 (2010.01) H01M 10/052 (2010.01) H01M 4/62 (2006.01) H01M 4/66 (2006.01)**
[25] EN
[54] **LITHIUM ION BATTERY ANODES INCLUDING GRAPHENIC CARBON PARTICLES**
[54] **ANODES DE BATTERIE AU LITHIUM-ION COMPRENANT DES PARTICULES DE CARBONE GRAPHENIQUE**
[72] VANIER, NOEL R., US
[72] ASAY, DAVID B., US
[72] OLSON, KURT G., US
[72] RAKIEWICZ, EDWARD F., US
[72] WANG, DONGHAI, US
[72] YI, RAN, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-01
[86] 2014-03-07 (PCT/US2014/021817)
[87] (WO2014/150006)
[30] US (13/836,415) 2013-03-15

---

[11] **2,903,603**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE PUITS DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] MCDANIEL, CATO RUSSELL, US
[72] DAVIDSON, ERIC, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-01
[86] 2014-03-17 (PCT/US2014/030269)
[87] (WO2014/172051)
[30] US (13/857,639) 2013-04-05

---

[11] **2,904,906**
[13] C
[51] **Int.Cl. B65D 63/10 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL CABLE TIE**
[54] **ATTACHE ANTIMICROBIENNE**
[72] GAO, YAN, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2904906)
[87] (2904906)
[22] 2015-09-18
[30] US (62/076,185) 2014-11-06

---

[11] **2,905,816**
[13] C
[51] **Int.Cl. A61L 27/14 (2006.01) A61F 2/28 (2006.01) A61L 27/02 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **BONE REGENERATION USING BIODEGRADABLE POLYMERIC NANOCOMPOSITE MATERIALS AND APPLICATIONS OF THE SAME**
[54] **REGENERATION OSSEUSE UTILISANT DES MATERIAUX NANOCOMPOSITES POLYMERES BIODEGRADABLES ET APPLICATIONS ASSOCIEES**
[72] BIRIS, ALEXANDRU S., US
[73] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[85] 2015-09-11
[86] 2013-07-22 (PCT/US2013/051520)
[87] (WO2014/143131)
[30] US (61/800,588) 2013-03-15
[30] US (13/947,770) 2013-07-22

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[11] **2,905,819**
[13] C
[51] **Int.Cl. A61L 27/14 (2006.01) A61F 2/28 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **BIODEGRADABLE POLYMERIC NANOCOMPOSITE MATERIALS AND APPLICATIONS OF THE SAME**
[54] **MATERIAUX NANOCOMPOSITES POLYMERES BIODEGRADABLES ET APPLICATIONS DE CEUX-CI**
[72] BIRIS, ALEXANDRU S., US
[73] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[85] 2015-09-11
[86] 2013-07-22 (PCT/US2013/051531)
[87] (WO2014/143132)
[30] US (61/800,588) 2013-03-15
[30] US (13/947,827) 2013-07-22

[11] **2,905,834**
[13] C
[51] **Int.Cl. A47C 27/08 (2006.01) A47C 31/00 (2006.01) A47C 31/12 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **INFLATABLE AIR MATTRESS SNORING DETECTION AND RESPONSE**
[54] **DETECTION DE RONFLEMENT ET REPONSE POUR UN MATELAS PENUMATIQUE GONFLABLE**
[72] NUNN, ROB, US
[72] PALASHEWSKI, WADE DANIEL, US
[72] TILSTRA, MATTHEW WAYNE, US
[72] STUSYNSKI, STACY, US
[72] YOUNG, STEVEN, US
[72] HEWITT, CARL, US
[73] SLEEP NUMBER CORPORATION, US
[73] SELECT COMFORT RETAIL CORPORATION, US
[85] 2015-09-11
[86] 2014-03-12 (PCT/US2014/024891)
[87] (WO2014/159716)
[30] US (61/782,394) 2013-03-14

[11] **2,906,777**
[13] C
[51] **Int.Cl. F04D 29/08 (2006.01) F04D 7/04 (2006.01) F04D 29/42 (2006.01)**
[25] EN
[54] **SEAL FOR A CENTRIFUGAL PUMP**
[54] **JOINT D'ETANCHEITE POUR POMPE CENTRIFUGE**
[72] KOSMICKI, RANDY J., US
[72] VIKEN, MICHAEL L., US
[73] WHW GROUP INC., US
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/028583)
[87] (WO2014/144253)
[30] US (61/799,048) 2013-03-15

[11] **2,906,972**
[13] C
[51] **Int.Cl. B01D 53/52 (2006.01) C10J 3/00 (2006.01)**
[25] EN
[54] **METAL CARBOXYLATE SALTS AS H2S SCAVENGERS IN MIXED PRODUCTION OR DRY GAS SYSTEMS**
[54] **UTILISATION DE SELS DE CARBOXYLATES DE METAL COMME AGENTS D'EPURATION DE H2S DANS DES SYSTEMES DE PRODUCTION MIXTES OU DES SYSTEMES DE GAZ SECS**
[72] RAMACHANDRAN, SUNDER, US
[72] LEHRER, SCOTT E., US
[72] JOVANCICEVIC, VLADIMIR, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-14
[86] 2014-03-26 (PCT/US2014/031815)
[87] (WO2014/172080)
[30] US (61/811,951) 2013-04-15
[30] US (14/221,501) 2014-03-21

[11] **2,908,123**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) G07F 17/12 (2006.01)**
[25] EN
[54] **DELIVERY OF GOODS TO ELECTRONIC STORAGE LOCKERS**
[54] **LIVRAISON DE MARCHANDISES DANS DES CASIERS DE STOCKAGE ELECTRONIQUES**
[72] WILSON, STEPHEN JOHN, GB
[72] BAKER, STEPHEN JAMES, GB
[72] PARK, AMY SUE, US
[72] RASMUSSEN, HENRIK, AU
[72] TARAZI, KAMAL, GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, CH
[86] (2908123)
[87] (2908123)
[22] 2002-12-23
[62] 2,469,699
[30] US (10/024,472) 2001-12-21

[11] **2,908,351**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/62 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **AMPHOLYTE POLYMERIC COMPOUNDS IN SUBTERRANEAN APPLICATIONS**
[54] **COMPOSES POLYMERES AMPHOLYTES UTILISES DANS DES OPERATIONS SOUTERRAINES**
[72] CHUNG, HSINCHEN, US
[72] HU, YUNTAO THOMAS, US
[72] YE, XIANGNAN, US
[72] TONMUKAYAKUL, NARONGSAK, US
[72] MCCABE, MICHAEL A., US
[72] FREDERICK, KEVIN WALTER, US
[72] CHEN, SHIH-RUEY TOM, US
[72] LOEFFLER, RANDY JACK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-28
[86] 2014-05-27 (PCT/US2014/039570)
[87] (WO2014/193834)
[30] US (61/829,609) 2013-05-31
[30] US (13/929,871) 2013-06-28

[11] **2,909,185**
[13] C
[51] **Int.Cl. A61F 13/84 (2006.01) A61F 13/42 (2006.01) G01D 9/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **EVENT-DRIVEN TRANSITIONS IN ABSORBENT ARTICLE MANAGEMENT**
[54] **TRANSITIONS COMMANDEES PAR UN EVENEMENT DANS LA GESTION D'ARTICLE ABSORBANT**
[72] BERGSTROM, PER, SE
[72] OLOFSSON RANTA, CHRISTER, SE
[72] ALSNAS, BJORN, SE
[72] BOSAEUS, MATTIAS, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-10-08
[86] 2013-04-30 (PCT/EP2013/059047)
[87] (WO2014/177204)

[11] 2,910,944
[13] C
[51] **Int.Cl. E03D 5/092 (2006.01)**
[25] EN
[54] **FLUSH LEVER AND ASSEMBLY**
[54] **CHASSE D'EAU ET MECANISME**
[72] GUTHRIE, KEVIN J., US
[72] SMITH, JORDAN D., US
[73] LAVELLE INDUSTRIES, INC., US
[86] (2910944)
[87] (2910944)
[22] 2015-10-30
[30] US (62/073389) 2014-10-31

---

[11] 2,911,006
[13] C
[51] **Int.Cl. A63B 17/02 (2006.01)**
[25] EN
[54] **WEARABLE DEVICE**
[54] **DISPOSITIF PORTABLE**
[72] ADAMS, ROGER R., US
[73] ADAMS, ROGER R., US
[86] (2911006)
[87] (2911006)
[22] 2011-07-15
[62] 2,805,633
[30] US (61/365,229) 2010-07-16

---

[11] 2,911,132
[13] C
[51] **Int.Cl. H01M 8/04746 (2016.01) H01M 8/04537 (2016.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM AND VOLTAGE CONTROL METHOD OF FUEL CELL**
[54] **SYSTEME D'ALIMENTATION ET PROCEDE DE CONTROLE DE TENSION DESTINES A UNE PILE A COMBUSTIBLE**
[72] YAMANAKA, TOMIO, JP
[72] NADA, MITSUHIRO, JP
[72] SUZUKI, HIROYUKI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911132)
[87] (2911132)
[22] 2015-11-03
[30] JP (2014-232251) 2014-11-15

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[11] 2,911,168
[13] C
[51] **Int.Cl. A01H 5/00 (2018.01) A01H 5/10 (2018.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) B65D 81/03 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **PRODUCTION AND USE OF SPECIALTY CANNABIS WITH BD/BT GENOTYPE AND A BETA CARYOPHYLLENE-DOMINANT TERPENE PROFILE**
[54] **PRODUCTION ET UTILISATION DE CANNABIS DE SPECIALITE AYANT UN PROFIL DE GENOTYPE BD/BT ET UN TERPENE A DOMINANCE BETA-CARYOPPHYLLENE**
[72] LEWIS, MARK ANTHONY, US
[72] GIESE, MATTHEW, US
[72] BACKES, MICHAEL DANE, US
[73] BIOTECH INSTITUTE, LLC, US
[85] 2015-10-30
[86] 2014-07-15 (PCT/US2014/046694)
[87] (WO2015/065544)
[30] US (61/897,074) 2013-10-29
[30] US (PCT/US2014/030267) 2014-03-17

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[11] 2,911,736
[13] C
[51] **Int.Cl. A01G 13/00 (2006.01) A01G 13/02 (2006.01)**
[25] EN
[54] **EXPANDABLE TREE PROTECTION DEVICE**
[54] **DISPOSITIF EXTENSIBLE DE PROTECTION D'ARBRE**
[72] BROWN, WILLIAM A., US
[73] BROWN, WILLIAM A., US
[86] (2911736)
[87] (2911736)
[22] 2015-11-06
[30] US (14/535,409) 2014-11-07

---

[11] 2,911,741
[13] C
[51] **Int.Cl. H01M 8/0232 (2016.01)**
[25] EN
[54] **FLAT MEMBER FOR FUEL CELL AND METHOD FOR MANUFACTURING FLAT MEMBER**
[54] **ELEMENT PLAT POUR PILE A COMBUSTIBLE ET METHODE DE FABRICATION DE L'ELEMENT PLAT**
[72] KANNO, DAISUKE, JP
[72] KONDOU, TAKASHI, JP
[72] SHINOZAKI, YOSHINORI, JP
[72] SAZAWA, MAKOTO, JP
[72] KAWABE, SATOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOYOTA BOSHOKU KABUSHIKI KAISHA, JP
[86] (2911741)
[87] (2911741)
[22] 2015-11-10
[30] JP (2014-230751) 2014-11-13

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[11] 2,911,847
[13] C
[51] **Int.Cl. H01M 8/04089 (2016.01) H01M 8/0438 (2016.01) H01M 8/04537 (2016.01) H01M 8/04746 (2016.01) H01M 8/0662 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911847)
[87] (2911847)
[22] 2015-11-10
[30] JP (2014-230155) 2014-11-12
[30] JP (2015-174965) 2015-09-04

[11] **2,912,148**
[13] C
[51] **Int.Cl. F21V 14/02 (2006.01) F21V 17/02 (2006.01) F21V 21/14 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD, AND SYSTEM FOR INDEPENDENT AIMING AND CUTOFF STEPS IN ILLUMINATING A TARGET AREA**
[54] **APPAREIL, PROCEDE ET SYSTEME POUR ETAPES DE VISEE ET D'INTERRUPTION INDEPENDANTES DANS L'ECLAIRAGE D'UNE ZONE CIBLE**
[72] GORDIN, MYRON, US
[72] BOYLE, TIMOTHY J., US
[72] BOXLER, LAWRENCE H., US
[73] MUSCO CORPORATION, US
[85] 2015-11-10
[86] 2013-05-20 (PCT/US2013/041863)
[87] (WO2013/173837)

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[11] **2,912,241**
[13] C
[51] **Int.Cl. B65D 25/52 (2006.01)**
[25] EN
[54] **POUCH FOR INTERNAL MIXTURE OF SEGREGATED REACTANTS AND APPLICATIONS THEREOF**
[54] **POCHE POUR MELANGE INTERNE DE REACTIFS DISSOCIES ET SES APPLICATIONS**
[72] YOUNG, DANIEL, US
[73] FOREVER YOUNG INTERNATIONAL, INC., US
[86] (2912241)
[87] (2912241)
[22] 2010-03-19
[62] 2,793,587
[30] US (61/161745) 2009-03-19

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[11] **2,912,905**
[13] C
[51] **Int.Cl. H04L 1/22 (2006.01) H04H 20/67 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **DYNAMIC CONTROL POINT IN SIMULCAST RADIO COMMUNICATION SYSTEM**
[54] **POINT DE CONTROLE DYNAMIQUE DANS UN SYSTEME DE COMMUNICATIONS RADIO EN RADIODIFFUSION SIMULTANEE**
[72] MILHORN, JOSEPH J., US
[72] BROWN, DAVID W., US
[73] HARRIS CORPORATION, US
[85] 2015-11-18
[86] 2014-05-30 (PCT/US2014/040200)
[87] (WO2014/197308)
[30] US (13/911,494) 2013-06-06

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[11] **2,913,496**
[13] C
[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **SIMULTANEOUS SOURCING DURING BOTH SEISMIC ACQUISITION AND SEISMIC INVERSION**
[54] **RECHERCHE SIMULTANEE DE SOURCES PENDANT UNE ACQUISITION SISMIQUE ET UNE INVERSION SISMIQUE**
[72] KROHN, CHRISTINE E., US
[72] ROUTH, PARTHA S., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-11-24
[86] 2014-07-11 (PCT/US2014/046361)
[87] (WO2015/026451)
[30] US (61/869,292) 2013-08-23

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[11] **2,913,536**
[13] C
[51] **Int.Cl. C08G 77/56 (2006.01) C04B 35/622 (2006.01) C08G 77/60 (2006.01) C08G 77/62 (2006.01)**
[25] EN
[54] **POLYDISILAZANES PREPARED FROM BORON-CONTAINING ADDITIVES**
[54] **POLYDISILAZANES PREPARES A PARTIR D'ADDITIFS CONTENANT DU BORE**
[72] RUBINSZTAJN, SLAWOMIR, US
[72] LITTLEJOHN, MATTHEW HAL, US
[72] MILLS, RYAN CHRISTOPHER, US
[72] DAVIS, PETER KENNEDY, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-11-25
[86] 2014-04-09 (PCT/US2014/033403)
[87] (WO2014/193545)
[30] US (13/905,732) 2013-05-30

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[11] **2,913,570**
[13] C
[51] **Int.Cl. A01C 7/00 (2006.01)**
[25] EN
[54] **AIR GROMMET CONNECTOR**
[54] **CONNECTEUR D'OEILLET PNEUMATIQUE**
[72] ANDERSON, BRIAN, US
[72] PEUTERT, CHANCE, US
[72] JOHNSON, CHAD, US
[72] LONG, SCOTT, US
[72] JUSTICE, RICK, US
[72] HARNETIAUX, TRAVIS, US
[72] DIENST, JOHNATHON, US
[72] DINNON, PATRICK, US
[72] RAETZMAN, RYAN, US
[72] CONNORS, MICHAEL, US
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2913570)
[87] (2913570)
[22] 2015-11-27
[30] US (14/557,943) 2014-12-02

[11] **2,913,715**
[13] C
[51] **Int.Cl. A61G 7/10 (2006.01)**
[25] EN
[54] **MULTI-POSITION SUPPORT FOR A FOLDING PATIENT LIFT DEVICE**
[54] **SUPPORT MULTI-POSITION DESTINE A UN MECANISME PLIANT DE SOULEVEMENT D'UN PATIENT**
[72] BIERSTEKER, MELVIN C., US
[72] GENSKE, DAVID J., US
[72] BAIN, COLIN C., US
[72] BLUEMNER, ERIK J., US
[73] JOERNS HEALTHCARE, LLC, US
[86] (2913715)
[87] (2913715)
[22] 2008-12-24
[62] 2,648,040
[30] US (61/009,236) 2007-12-27
[30] US (12/335,104) 2008-12-15

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[11] **2,914,147**
[13] C
[51] **Int.Cl. C07D 211/46 (2006.01) A61K 31/4465 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **NOVEL FLUORINATED BENZILIC ACID ESTER COMPOUND AND SALT THEREOF**
[54] **NOUVEAU COMPOSE D'ESTER D'ACIDE BENZILIQUE FLUORE ET SON SEL**
[72] NANRI, MASATO, JP
[72] NOGUCHI, KAZUHARU, JP
[72] SAKAKIBARA, FUKUMITSU, JP
[72] AOKI, SHINICHI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2015-11-30
[86] 2014-05-29 (PCT/JP2014/064216)
[87] (WO2014/192847)
[30] JP (2013-114142) 2013-05-30

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[11] **2,914,400**
[13] C
[51] **Int.Cl. F16K 31/02 (2006.01) F16K 11/00 (2006.01) F16K 31/60 (2006.01) G05G 1/10 (2006.01)**
[25] EN
[54] **FAUCET HANDLE WITH ANGLED INTERFACE**
[54] **POIGNEE DE ROBINET PRESENTANT UNE INTERFACE INCLINEE**
[72] DAVIDSON, KYLE, US
[72] THOMAS, KURT J., US
[72] BROWN, DEREK A., US
[72] SHAW, RYAN J., US
[73] DELTA FAUCET COMPANY, US
[86] (2914400)
[87] (2914400)
[22] 2012-02-29
[62] 2,841,090
[30] US (13/182,430) 2011-07-13

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[11] **2,914,469**
[13] C
[51] **Int.Cl. E02D 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PIPE PILING PLACEMENT**
[54] **APPAREIL ET PROCEDES DE BATTAGE DE PIEUX TUBULAIRES**
[72] SUVER, PAUL W., US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[85] 2015-12-03
[86] 2013-06-14 (PCT/US2013/045866)
[87] (WO2014/035529)
[30] US (13/594,839) 2012-08-26
[30] US (61/831,535) 2013-06-05
[30] US (61/831,554) 2013-06-05
[30] US (13/917,132) 2013-06-13

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[11] **2,915,124**
[13] C
[51] **Int.Cl. C12N 15/35 (2006.01) C07K 14/015 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **A METHOD OF DETECTING AND/OR IDENTIFYING ADENO-ASSOCIATED VIRUS (AAV) SEQUENCES AND ISOLATING NOVEL SEQUENCES IDENTIFIED THEREBY**
[54] **METHODE DE DETECTION ET/OU D'IDENTIFICATION DE SEQUENCES DE VIRUS ASSOCIES AUX ADENOVIRUS (AAV) ET D'ISOLATION DE NOUVELLES SEQUENCES AINSI IDENTIFIEES**
[72] WILSON, JAMES M., US
[72] ALVIRA, MAURICIO R., US
[72] GAO, GUANGPING, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[86] (2915124)
[87] (2915124)
[22] 2002-11-12
[62] 2,465,868
[30] US (60/350,607) 2001-11-13
[30] US (60/341,117) 2001-12-17
[30] US (60/386,675) 2002-06-05
[30] US (60/377,066) 2002-05-01

---

[11] **2,915,260**
[13] C
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/06 (2006.01) B65D 25/00 (2006.01) B65D 77/22 (2006.01)**
[25] EN
[54] **CARTON FOR A FOOD PRODUCT**
[54] **CARTON POUR PRODUIT ALIMENTAIRE**
[72] MILLS, KAREN L., US
[72] BAKER, MARK P., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-12-11
[86] 2014-07-24 (PCT/US2014/047946)
[87] (WO2015/013483)
[30] US (61/958,323) 2013-07-25

[11] 2,915,515
[13] C
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] HAAS, MARTIN, DE
[72] FRANK, RICHARD, DE
[72] HENSELER, RICHARD, DE
[73] BRITAX ROMER KINDERSICHERHEIT GMBH, DE
[85] 2015-12-15
[86] 2014-07-07 (PCT/EP2014/001859)
[87] (WO2015/007372)
[30] EP (13003568.6) 2013-07-16

---

[11] 2,915,659
[13] C
[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/80 (2016.01)**
[25] EN
[54] **METHOD OF WIRELESS TRANSMISSION OF ELECTRICITY**
[54] **PROCEDE DE TRANSMISSION SANS FIL D'ELECTRICITE**
[72] DAI, ZHONGGUO, CN
[73] GUANGZHOU RISING DRAGON ELECTRONICS & PLASTICS TECHNOLOGY CO., LTD., CN
[85] 2015-12-17
[86] 2015-01-30 (PCT/CN2015/071929)
[87] (WO2016/119204)
[30] CN (201510039828.2) 2015-01-26

---

[11] 2,918,096
[13] C
[51] **Int.Cl. C07C 67/313 (2006.01) C07C 69/92 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESIZING 3-ETHOXY-4-ETHOXYCARBONYL PHENYLACETIC ACID**
[54] **PROCEDE POUR LA SYNTHESE D'ACIDE 3-ETHOXY-4-ETHOXYCARBONYLPHENYLACETIQUE**
[72] ZHANG, YUE, CN
[72] LIU, TINGTING, CN
[72] YU, YIFENG, CN
[72] SHANG, ZHENHUA, CN
[73] HEBEI UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[85] 2016-01-12
[86] 2014-05-04 (PCT/CN2014/000458)
[87] (WO2015/135096)
[30] CN (201410091929.X) 2014-03-13

---

[11] 2,919,617
[13] C
[51] **Int.Cl. H01R 4/18 (2006.01) H01R 4/62 (2006.01)**
[25] EN
[54] **ALUMINUM ELECTRIC WIRE CONNECTING STRUCTURE**
[54] **STRUCTURE DE RACCORDEMENT DE FIL ELECTRIQUE EN ALUMINIUM**
[72] KAMOSHIDA, SHINICHI, JP
[72] MIONO, TADAAKI, JP
[72] HATTORI, YASUNORI, JP
[72] SHIMIZU, TAKESHI, JP
[72] SUZUKI, MITSURU, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2016-01-27
[86] 2014-07-23 (PCT/JP2014/069449)
[87] (WO2015/019850)
[30] JP (2013-163170) 2013-08-06

---

[11] 2,920,054
[13] C
[51] **Int.Cl. C10G 47/36 (2006.01)**
[25] EN
[54] **A METHOD OF PROCESSING HEAVY OILS AND RESIDUA**
[54] **UNE METHODE DE TRAITEMENT DES HUILES LOURDES ET DES RESIDUS**
[72] ZHAO, SUOQI, CN
[72] WEI, QIANG, CN
[72] XU, CHUNMING, CN
[72] XU, ZHIMING, CN
[72] SUN, XUEWEN, CN
[72] CHUNG, KENG H., CA
[73] WELL RESOURCES INC., CA
[86] (2920054)
[87] (2920054)
[22] 2016-02-05
[30] CN (201510290167.0) 2015-05-29

---

[11] 2,921,084
[13] C
[51] **Int.Cl. F16B 5/02 (2006.01) F16B 35/04 (2006.01) F16B 37/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ASSEMBLY, AND ASSEMBLY**
[54] **METHODE DE PRODUCTION D'UN MECANISME, ET MECANISME**
[72] SCHMIDT, HEIKO, DE
[73] SCHMIDT, HEIKO, DE
[85] 2016-02-11
[86] 2014-07-22 (PCT/DE2014/100267)
[87] (WO2015/024556)
[30] DE (10 2013 109 036.2) 2013-08-21

---

[11] 2,921,495
[13] C
[51] **Int.Cl. E21B 33/134 (2006.01) E21B 33/16 (2006.01)**
[25] EN
[54] **INTELLIGENT CEMENT WIPER PLUGS AND CASING COLLARS**
[54] **JOINTS DE TUBAGE ET BOUCHONS DE CIMENTATION INTELLIGENTS**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-16
[86] 2013-09-26 (PCT/US2013/061785)
[87] (WO2015/047259)

---

[11] 2,921,803
[13] C
[51] **Int.Cl. A47B 96/02 (2006.01) A47B 57/06 (2006.01)**
[25] EN
[54] **A SHELF**
[54] **ETAGERE**
[72] MOGENSEN, ERLING KRISTEN, DK
[72] ANDERSEN, SOREN BOGEDE, DK
[72] THOMSEN, STEEN JUUL, DK
[73] LCC 2015 APS, DK
[85] 2016-02-19
[86] 2014-08-20 (PCT/DK2014/050248)
[87] (WO2015/024572)
[30] DK (PA201370456) 2013-08-21

---

[11] 2,922,076
[13] C
[51] **Int.Cl. G01V 13/00 (2006.01) E21B 43/12 (2006.01) E21B 47/00 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **STATIC EARTH MODEL CALIBRATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ETALONNAGE DE MODELE TERRESTRE STATIQUE**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] CAMILLERI, DOMINIC, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-02-22
[86] 2013-08-29 (PCT/US2013/057415)
[87] (WO2015/030782)

[11] 2,922,471
[13] C
[51] **Int.Cl. E21B 17/18 (2006.01) E21B 7/04 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **WELL SYSTEM WITH MULTIPLE TUBULAR STRINGS AND MULTIPLE FLOW CONTROL DEVICES**
[54] **SYSTEME DE PUITS A TRAINS DE TUBES MULTIPLES ET DISPOSITIFS DE CONTROLE D'ECOULEMENT MULTIPLES**
[72] STEELE, DAVID J., US
[72] RANJEVA, JEAN-MICHEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2922471)
[87] (2922471)
[22] 2012-05-18
[62] 2,836,918
[30] US (13/152,759) 2011-06-03

---

[11] 2,922,818
[13] C
[51] **Int.Cl. F16K 11/22 (2006.01)**
[25] EN
[54] **COMBINED THERMAL MANAGEMENT UNIT**
[54] **UNITE DE GESTION THERMIQUE COMBINEE**
[72] PETERSON, MATTHEW, US
[73] FLEXTRONICS GLOBAL SERVICES CANADA INC. SERVICES GLOBAUX FLEXTRONICS CANADA INC., US
[85] 2016-02-29
[86] 2014-09-02 (PCT/US2014/053702)
[87] (WO2015/031890)
[30] US (61/872,178) 2013-08-30
[30] US (14/314,842) 2014-06-25

---

[11] 2,923,012
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/12 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **WELLBORE OPERATIONS INVOLVING COMPUTATIONAL METHODS THAT PRODUCE SAG PROFILES**
[54] **OPERATIONS DE PUITS DE FORAGE IMPLIQUANT DES PROCEDES DE CALCUL QUI PRODUISENT DES PROFILS D'AFFAISSEMENT**
[72] KULKARNI, SANDEEP D., US
[72] JAMISON, DALE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-02
[86] 2013-10-17 (PCT/US2013/065340)
[87] (WO2015/057222)

---

[11] 2,923,547
[13] C
[51] **Int.Cl. G01L 13/02 (2006.01) G01F 1/50 (2006.01) G01F 15/00 (2006.01) G01F 15/14 (2006.01) G01L 15/00 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **MULTIVARIABLE PROCESS FLUID TRANSMITTER FOR HIGH PRESSURE APPLICATIONS**
[54] **DISPOSITIF DE TRANSFERT DE FLUIDE DE TRAITEMENT MULTI-VARIABLE POUR APPLICATIONS HAUTE PRESSION**
[72] STREI, DAVID MATTHEW, US
[73] ROSEMOUNT INC., US
[85] 2016-03-07
[86] 2014-07-31 (PCT/US2014/049019)
[87] (WO2015/047535)
[30] US (14/037,805) 2013-09-26

---

[11] 2,923,790
[13] C
[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **AN ELECTRONIC PAYMENT, INFORMATION, OR ID CARD WITH A DEFORMATION SENSING MEANS**
[54] **CARTE DE PAIEMENT ELECTRONIQUE, D'INFORMATION OU D'IDENTITE A UNITE DE DETECTION DE DEFORMATION**
[72] NIELSEN, FINN, DK
[72] DOMSTEN, RUNE, DK
[73] CARDLAB APS, DK
[86] (2923790)
[87] (2923790)
[22] 2008-02-27
[62] 2,678,793
[30] US (60/903,834) 2007-02-28

---

[11] 2,923,919
[13] C
[51] **Int.Cl. A01K 85/01 (2006.01) A01K 83/00 (2006.01)**
[25] EN
[54] **INERTIALLY-ACTIVATED PIVOTABLE HOOK SYSTEM**
[54] **LEURRE DE PECHE DOTE D'UN DISPOSITIF DE PRODUCTION DE SON DE PLUS BASSE FREQUENCE A COMMANDE MECANIQUE**
[72] GOOSEY, LARRY D., US
[73] GOOSEY, LARRY D., US
[86] (2923919)
[87] (2923919)
[22] 2011-03-25
[62] 2,792,373
[30] US (61/318,004) 2010-03-26

[11] **2,924,064**
[13] C
[51] **Int.Cl. E04B 1/62 (2006.01) E04B 1/66 (2006.01) E04B 2/00 (2006.01) E04F 13/075 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **INSULATION SYSTEM FOR BUILDINGS**
[54] **SYSTEME D'ISOLATION POUR BATIMENTS**
[72] KRAUSE, G. MATT, US
[73] ADVANCED ARCHITECTURAL PRODUCTS, LLC, US
[85] 2016-03-10
[86] 2014-09-11 (PCT/US2014/055118)
[87] (WO2015/038727)
[30] US (61/876,731) 2013-09-11
[30] US (14/281,949) 2014-05-20

---

[11] **2,924,245**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR LASER-CUTTING AN ENDOTHELIAL CORNEAL GRAFT**
[54] **TECHNIQUE DE DECOUPE LASER D'UNE GREFFE DE CORNEE ENDOTHELIALE**
[72] DONITZKY, CHRISTOF, DE
[72] SEILER, THEO, CH
[73] NOVARTIS AG, CH
[85] 2016-03-14
[86] 2013-10-28 (PCT/EP2013/072527)
[87] (WO2015/062626)

---

[11] **2,924,534**
[13] C
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **PIERCING MEMBER FOR CONTAINER ACCESS DEVICE**
[54] **ELEMENT DE PERCAGE POUR UN DISPOSITIF D'OUVERTURE DE RECIPIENT**
[72] IVOSEVIC, MILAN, US
[72] MARICI, PAUL PAIA, US
[73] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2016-03-15
[86] 2014-09-22 (PCT/US2014/056759)
[87] (WO2015/042517)
[30] US (61/881,148) 2013-09-23
[30] US (14/492,305) 2014-09-22

---

[11] **2,924,859**
[13] C
[51] **Int.Cl. A47J 43/00 (2006.01)**
[25] EN
[54] **NESTING MEASURING CUPS**
[54] **GOBELETS DE MESURE EMBOITES**
[72] WIGGINS, JAMES MICHAEL, US
[73] DART INDUSTRIES INC., US
[86] (2924859)
[87] (2924859)
[22] 2016-03-23
[30] US (14/717,355) 2015-05-20

---

[11] **2,924,898**
[13] C
[51] **Int.Cl. F16D 1/10 (2006.01) B25B 17/00 (2006.01) B25B 21/00 (2006.01) F16C 3/02 (2006.01) F16D 1/108 (2006.01)**
[25] EN
[54] **MANUAL DRIVE FOR A MOTOR COMPRISING A ROTATIONAL MEMBER MOVABLE AXIALLY ALONG A SHAFT OF THE DRIVE**
[54] **ENTRAINEMENT MANUEL DESTINE A UN MOTEUR COMPORTANT UN ELEMENT ROTATIF MOBILE DEPLACABLE AXIALEMENT LE LONG D'UN ARBRE DE L'ENTRAINEMENT**
[72] PLETT, DELMER, CA
[73] VIDIR SOLUTIONS INC., CA
[86] (2924898)
[87] (2924898)
[22] 2016-03-23

---

[11] **2,924,915**
[13] C
[51] **Int.Cl. G10L 19/02 (2013.01) G10L 25/18 (2013.01) G10L 19/04 (2013.01) H03H 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCTION OF ALIASING INTRODUCED BY SPECTRAL ENVELOPE ADJUSTMENT IN REAL-VALUED FILTERBANKS**
[54] **PROCEDE PERMETTANT DE REDUIRE LE REPLIEMENT INTRODUIT PAR REGLAGE D'ENVELOPPE SPECTRALE DANS DES BANCS DE FILTRES A VALEURS REELLES**
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (2924915)
[87] (2924915)
[22] 2003-08-27
[62] 2,688,871
[30] SE (0202770-4) 2002-09-18

---

[11] **2,925,230**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **CONCEPT FOR GENERATING A DOWNMIX SIGNAL**
[54] **CONCEPT POUR GENERER UN SIGNAL DE MIXAGE REDUCTEUR**
[72] ADAMI, ALEXANDER, DE
[72] HABETS, EMANUEL, DE
[72] HERRE, JUERGEN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-03-23
[86] 2014-09-02 (PCT/EP2014/068611)
[87] (WO2015/043891)
[30] EP (13186480.3) 2013-09-27
[30] EP (14161059.2) 2014-03-21

[11] **2,925,857**
[13] C
[51] **Int.Cl. E21B 47/117 (2012.01) E21B 47/06 (2012.01) G01N 3/10 (2006.01)**
[25] EN
[54] **DETERMINING PRESSURE WITHIN A SEALED ANNULUS**
[54] **DETERMINATION DE LA PRESSION AU SEIN D'UN ESPACE ANNULAIRE SCELLE**
[72] MITCHELL, ROBERT, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-03-30
[86] 2013-10-31 (PCT/US2013/067866)
[87] (WO2015/065453)

[11] **2,925,868**
[13] C
[51] **Int.Cl. H02M 7/04 (2006.01) H03K 17/92 (2006.01) G06N 99/00 (2010.01) H01L 39/22 (2006.01)**
[25] EN
[54] **JOSEPHSON AC/DC CONVERTER SYSTEMS AND METHOD**
[54] **SYSTEMES ET PROCEDE DE CONVERTISSEUR CA/CC JOSEPHSON**
[72] HERR, QUENTIN P., US
[72] HERR, ANNA Y., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-03-30
[86] 2014-07-16 (PCT/US2014/046888)
[87] (WO2015/050622)
[30] US (14/044,220) 2013-10-02

[11] **2,926,715**
[13] C
[51] **Int.Cl. G02F 1/225 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **ELECTRO-OPTICAL MODULATOR DEVICES**
[54] **DISPOSITIFS A MODULATEUR ELECTRO-OPTIQUE**
[72] VELTHAUS, KARL-OTTO, DE
[72] RAUSCH, MARKO, DE
[72] CHOI, JUNG HAN, DE
[72] YAN, LEI, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-04-06
[86] 2014-11-25 (PCT/EP2014/075526)
[87] (WO2015/075258)
[30] EP (13194262.5) 2013-11-25

[11] **2,926,939**
[13] C
[51] **Int.Cl. H01P 1/387 (2006.01)**
[25] EN
[54] **LOW IMPEDANCE CIRCULATOR**
[54] **CIRCULATEUR A FAIBLE IMPEDANCE**
[72] BARKER, KEN, US
[72] CASSENS, DAVID, US
[72] PITCHELL, MICHAEL, US
[73] MERCURY SYSTEMS, INC., US
[85] 2016-04-08
[86] 2014-10-02 (PCT/US2014/058798)
[87] (WO2015/054022)
[30] US (14/051,011) 2013-10-10

[11] **2,927,511**
[13] C
[51] **Int.Cl. B62D 12/02 (2006.01)**
[25] EN
[54] **ACTIVE STEERING SYSTEM FOR ARTICULATED BUS**
[54] **SYSTEME DE DIRECTION ACTIVE POUR AUTOBUS ARTICULE**
[72] YANG, ANTHONY ANTAO, CN
[72] CHEN, GORDON CHING, TW
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2016-04-14
[86] 2013-10-16 (PCT/CN2013/085341)
[87] (WO2015/054854)

[11] **2,927,517**
[13] C
[51] **Int.Cl. G05B 9/02 (2006.01) B64C 19/00 (2006.01) G05B 99/00 (2006.01) G06F 11/16 (2006.01)**
[25] EN
[54] **PROVIDING FAILOVER CONTROL ON A CONTROL SYSTEM**
[54] **FOURNITURE D'UNE COMMANDE DE BASCULEMENT SUR UN SYSTEME DE COMMANDE**
[72] LASSINI, STEFANO A.M., US
[72] THERIAULT, TIMOTHY JOHN, US
[72] DARNELL, MARK LAWRENCE, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2927517)
[87] (2927517)
[22] 2016-04-21
[30] US (62/154,918) 2015-04-30
[30] US (15/095,285) 2016-04-11

[11] **2,927,634**
[13] C
[51] **Int.Cl. B64D 11/06 (2006.01) B60N 2/90 (2018.01) A47C 7/50 (2006.01)**
[25] EN
[54] **LINEARLY DEPLOYABLE AIRCRAFT SEAT LEGREST**
[54] **REPOSE-PIED DE SIEGE D'AERONEF DEPLOYABLE LINEAIREMENT**
[72] MEISTER, PETER C., US
[72] MAHABALESHWARA, ARAVINDA, IN
[73] B/E AEROSPACE, INC., US
[85] 2016-04-14
[86] 2014-10-17 (PCT/US2014/061123)
[87] (WO2015/061167)
[30] US (61/893,618) 2013-10-21

[11] **2,927,639**
[13] C
[51] **Int.Cl. B64D 43/00 (2006.01) B64D 15/12 (2006.01)**
[25] EN
[54] **SENSOR PROBE WITH ANTI-ICING**
[54] **SONDE DE CAPTEUR DOTEE D'UNE FONCTIONNALITE ANTIGIVRE**
[72] CHEUNG, KIN-LEUNG, CA
[72] LANCE, PETER, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2927639)
[87] (2927639)
[22] 2016-04-20
[30] US (14/753,363) 2015-06-29

[11] **2,927,821**
[13] C
[51] **Int.Cl. G02B 27/62 (2006.01) G02B 7/00 (2006.01)**
[25] EN
[54] **AUTO-CENTERING OF AN OPTICAL ELEMENT WITHIN A BARREL**
[54] **CENTRAGE AUTOMATIQUE D'ELEMENT OPTIQUE DANS UN BARILLET**
[72] LAMONTAGNE, FREDERIC, CA
[72] DESNOYERS, NICHOLA, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2016-04-18
[86] 2014-07-11 (PCT/CA2014/050660)
[87] (WO2015/066801)
[30] US (61/901,846) 2013-11-08

[11] **2,927,990**
[13] C
[51] **Int.Cl. G10L 19/03 (2013.01) G10L 19/24 (2013.01)**
[25] EN
[54] **AUDIO BANDWIDTH EXTENSION BY INSERTION OF TEMPORAL PRE-SHAPED NOISE IN FREQUENCY DOMAIN**
[54] **EXTENSION DE BANDE PASSANTE AUDIO PAR INSERTION DE BRUIT TEMPOREL PREALABLEMENT MIS EN FORME DANS LE DOMAINE FREQUENTIEL**
[72] DISCH, SASCHA, DE
[72] MULTRUS, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
[72] SCHNELL, MARKUS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-04-19
[86] 2014-10-30 (PCT/EP2014/073375)
[87] (WO2015/063227)
[30] EP (13191127.3) 2013-10-31

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[11] **2,928,882**
[13] C
[51] **Int.Cl. G10L 19/038 (2013.01)**
[25] EN
[54] **ENCODER FOR ENCODING AN AUDIO SIGNAL, AUDIO TRANSMISSION SYSTEM AND METHOD FOR DETERMINING CORRECTION VALUES**
[54] **CODEUR PERMETTANT DE CODER UN SIGNAL AUDIO, SYSTEME DE TRANSMISSION AUDIO ET PROCEDE PERMETTANT DE DETERMINER DES VALEURS DE CORRECTION**
[72] SCHMIDT, KONSTANTIN, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUSINGER, MATTHIAS, DE
[72] DIETZ, MARTIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-04-27
[86] 2014-11-06 (PCT/EP2014/073960)
[87] (WO2015/071173)
[30] EP (13192735.2) 2013-11-13
[30] EP (14178815.8) 2014-07-28

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[11] **2,928,917**
[13] C
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/007 (2012.01) E21B 7/04 (2006.01)**
[25] EN
[54] **BEND MEASUREMENTS OF ADJUSTABLE MOTOR ASSEMBLIES USING STRAIN GAUGES**
[54] **MESURES DE COURBURE D'ENSEMBLES MOTEURS REGLABLES A L'AIDE DE JAUGES EXTENSOMETRIQUES**
[72] LANGE, GUSTAV EDWARD, CA
[72] KIRKHOPE, KENNEDY JOHN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-27
[86] 2013-12-31 (PCT/US2013/078421)
[87] (WO2015/102600)

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[11] **2,928,982**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **SHROUD RETENTION SYSTEM WITH RETENTION SPRINGS**
[54] **MECANISME DE RETENUE D'ENVELOPPE DOTE DE RESSORTS DE RETENUE**
[72] SENER, ALEXANDER MARTIN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2928982)
[87] (2928982)
[22] 2016-05-05
[30] US (14/708,995) 2015-05-11

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[11] **2,929,192**
[13] C
[51] **Int.Cl. B01F 5/04 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MIXING AND STORING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DESTINE AU MELANGE ET AU STOCKAGE DE CIMENT ORTHOPEDIQUE EN POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2929192)
[87] (2929192)
[22] 2016-05-05
[30] DE (10 2015 108 783.9) 2015-06-03

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[11] **2,929,885**
[13] C
[51] **Int.Cl. A41D 13/11 (2006.01) A62B 7/10 (2006.01)**
[25] EN
[54] **FILTERING DEVICE**
[54] **DISPOSITIF DE FILTRATION**
[72] LIN, CHIA-CHI, CN
[73] LIN, JING-JYR, CN
[73] LIN, CHIA-CHI, CN
[85] 2016-05-06
[86] 2014-11-07 (PCT/CN2014/000978)
[87] (WO2015/066967)
[30] CN (201310548214.8) 2013-11-07
[30] CN (201320704963.0) 2013-11-07

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[11] **2,930,477**
[13] C
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A PLANT SET UP FOR PERFORMING AT LEAST ONE CHEMICAL REACTION**
[54] **METHODE D'EXPLOITATION D'UNE INSTALLATION CONCUE POUR REALISER AU MOINS UNE REACTION CHIMIQUE**
[72] KRASBERG, NICOLAI, DE
[72] HOHMANN, LUKAS, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[85] 2016-05-12
[86] 2014-11-11 (PCT/EP2014/074268)
[87] (WO2015/071259)
[30] EP (13193132.1) 2013-11-15

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[11] **2,930,551**
[13] C
[51] **Int.Cl. B23K 10/00 (2006.01) B23K 9/00 (2006.01) B23K 9/26 (2006.01)**
[25] EN
[54] **PLASMA ARC TORCH AND METHOD FOR ASSEMBLING AND DISASSEMBLING A PLASMA ARC TORCH**
[54] **CHALUMEAU A ARC PLASMA ET PROCEDE PERMETTANT LE MONTAGE ET LE DEMONTAGE D'UN CHALUMEAU A ARC PLASMA**
[72] SEVERANCE, WAYNE STANLEY, US
[73] THE ESAB GROUP, INC., US
[85] 2016-05-12
[86] 2014-10-30 (PCT/US2014/063076)
[87] (WO2015/073217)
[30] US (14/077,879) 2013-11-12

[11] **2,930,756**
[13] C
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/055 (2006.01) G01B 5/008 (2006.01) G01B 5/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF INTRACRANIAL IMAGING**
[54] **APPAREIL ET PROCEDE D'IMAGERIE INTRACRANIENNE**
[72] RILEY, JASON DAVID RICHARD, CA
[72] SINGH, VINAY KUMAR, CA
[73] ARCHEOPTIX BIOMEDICAL INC., CA
[85] 2016-05-16
[86] 2014-11-12 (PCT/CA2014/051086)
[87] (WO2015/070348)
[30] US (61/904,559) 2013-11-15

[11] **2,930,841**
[13] C
[51] **Int.Cl. B65G 65/06 (2006.01) B65G 65/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR LOADING ELONGATED MEMBERS SUCH AS TUBES ONTO A CONVEYOR FOR LATER PROCESSING**
[54] **SYSTEME D'ELEMENTS ALLONGES COMME DES TUBES SUR UN CONVOYEUR EN VUE D'UN TRAITEMENT ULTERIEUR**
[72] PLETT, DELMER, CA
[73] VIDIR SOLUTIONS INC., CA
[86] (2930841)
[87] (2930841)
[22] 2016-05-25

[11] **2,930,976**
[13] C
[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/531 (2006.01)**
[25] EN
[54] **ABSORBENT PADS COMPRISING ZONES OF DIFFERENTIAL ABSORBENT CAPACITY**
[54] **SERVIETTES ABSORBANTES COMPRENANT DES ZONES DE CAPACITE D'ABSORPTION DIFFERENTIELLE**
[72] CARLUCCI, GIOVANNI, IT
[72] PERI, ANDREA, DE
[72] BELLUCCI, REMO, US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] KIRKBRIDE, TANA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-05-17
[86] 2014-12-08 (PCT/US2014/069011)
[87] (WO2015/094733)
[30] US (61/918,799) 2013-12-20

[11] **2,930,981**
[13] C
[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/531 (2006.01)**
[25] EN
[54] **ABSORBENT PADS COMPRISING ZONES OF DIFFERENTIAL ABSORBENT CAPACITY**
[54] **TAMPONS ABSORBANTS COMPRENANT DES ZONES DE CAPACITE ABSORBANTE DIFFERENTIELLE**
[72] CARLUCCI, GIOVANNI, IT
[72] PERI, ANDREA, DE
[72] BELLUCCI, REMO, US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] KIRKBRIDE, TANA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-05-17
[86] 2014-12-08 (PCT/US2014/069012)
[87] (WO2015/094734)
[30] US (61/918,883) 2013-12-20

[11] **2,931,200**
[13] C
[51] **Int.Cl. E03C 1/05 (2006.01)**
[25] EN
[54] **SINK MOUNTED PRODUCT DISPENSING HAND WASHING FAUCET**
[54] **ROBINET LAVE-MAIN MONTE SUR LAVABO ET DISTRIBUANT UN PRODUIT**
[72] DOBIZL, KENNETH THOMAS, US
[72] GILBERTSON, SARAH ELISE, US
[73] ECOLAB USA INC., US
[85] 2016-05-19
[86] 2014-10-23 (PCT/US2014/061920)
[87] (WO2015/080818)
[30] US (14/091,768) 2013-11-27

[11] **2,931,698**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING LOAD PEAKS IN USER GROUP MATCHING PROCESS**
[54] **PROCEDE ET APPAREIL DE REDUCTION DE PICS DE CHARGE DANS UN PROCESSUS D'APPARIEMENT DE GROUPES D'UTILISATEURS**
[72] JIANG, HAITAO, CN
[72] ZHANG, ZHENG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2016-05-26
[86] 2015-06-04 (PCT/CN2015/080749)
[87] (WO2015/184998)
[30] CN (201410248206.6) 2014-06-05

[11] 2,932,115
[13] C
[51] **Int.Cl. A46B 11/00 (2006.01) A47K 7/04 (2006.01) A61C 17/028 (2006.01) A61C 17/34 (2006.01) A61C 17/36 (2006.01)**
[25] EN
[54] **PERSONAL HYGIENE IMPLEMENT**
[54] **ACCESSOIRE D'HYGIENE PERSONNELLE**
[72] FRANKE, SVEN ALEXANDER, DE
[72] DOLL, ALEXANDER FRANZ, DE
[72] SCHUTZ, ROBERT FLORIAN, DE
[73] BRAUN GMBH, DE
[85] 2016-05-30
[86] 2014-12-08 (PCT/IB2014/066701)
[87] (WO2015/097579)
[30] US (61/920,476) 2013-12-24

---

[11] 2,932,153
[13] C
[51] **Int.Cl. A01K 43/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING EGGS FROM EGG CARRIERS, AND ASSOCIATED METHOD**
[54] **APPAREIL POUR RETIRER DES OEUFS DE SUPPORTS D'OEUFS ET PROCEDE ASSOCIE**
[72] SUH, WILLIAM DONGWOOK, US
[72] AGOSTINELLI, SCOTT JOSEPH, US
[73] ZOETIS SERVICES LLC, US
[85] 2016-05-30
[86] 2014-12-16 (PCT/US2014/070489)
[87] (WO2015/095121)
[30] US (61/917,155) 2013-12-17

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[11] 2,932,281
[13] C
[51] **Int.Cl. A63B 21/00 (2006.01) A63B 21/018 (2006.01) A63B 21/055 (2006.01) A63B 23/04 (2006.01)**
[25] EN
[54] **CONVERTIBLE ARM CORD LOOP HANDLE**
[54] **POIGNEE EN BOUCLE DE CORDON A BRAS CONVERTIBLE**
[72] UYGAN, VIKTOR, US
[73] BALANCED BODY, INC., US
[85] 2016-05-31
[86] 2014-12-09 (PCT/US2014/069362)
[87] (WO2015/089082)
[30] US (61/913,721) 2013-12-09
[30] US (14/528,414) 2014-10-30

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[11] 2,932,434
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **LIQUID SUPPLY UNIT**
[54] **UNITE D'ACHEMINEMENT DE LIQUIDE**
[72] OYA, SHUN, JP
[72] KOBAYASHI, ATSUSHI, JP
[72] MIZUTANI, TADAHIRO, JP
[73] SEIKO EPSON CORPORATION, JP
[85] 2016-06-01
[86] 2014-12-09 (PCT/JP2014/006136)
[87] (WO2015/093008)
[30] JP (2013-260964) 2013-12-18
[30] JP (2014-015767) 2014-01-30
[30] JP (2014-034847) 2014-02-26
[30] JP (2014-061297) 2014-03-25

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[11] 2,934,364
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/035 (2006.01)**
[25] EN
[54] **RISERLESS ABANDONMENT OPERATION USING SEALANT AND CEMENT**
[54] **OPERATION D'ABANDON SANS COLONNE AU MOYEN DE SCELLANT ET DE CIMENT**
[72] SABINS, FRED, US
[72] BROWN, DAVID, US
[72] WATTERS, JEFFREY, US
[72] LEAL, JORGE ESTEBAN, US
[72] WATTERS, LARRY, US
[72] LI, XIAOXU, US
[73] CSI TECHNOLOGIES LLC, US
[86] (2934364)
[87] (2934364)
[22] 2016-06-28
[30] US (62/204,127) 2015-08-12
[30] US (15/185,357) 2016-06-17

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[11] 2,934,902
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G06T 17/05 (2011.01) G06F 9/455 (2018.01) G06G 7/48 (2006.01)**
[25] EN
[54] **GEOMECHANICAL AND GEOPHYSICAL COMPUTATIONAL MODEL FOR OIL AND GAS STIMULATION AND PRODUCTION**
[54] **MODELE DE CALCUL GEOMECANIQUE ET GEOPHYSIQUE POUR STIMULATION ET PRODUCTION DE PETROLE ET DE GAZ**
[72] LIN, AVI, US
[72] SHETTY, DINESH ANANDA, US
[72] BAI, JIE, US
[72] MADASU, SRINATH, US
[72] CAMP, JOSHUA L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-21
[86] 2015-02-03 (PCT/US2015/014221)
[87] (WO2015/117118)
[30] US (61/934,943) 2014-02-03

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[11] 2,935,949
[13] C
[51] **Int.Cl. F04D 29/046 (2006.01) F04D 13/06 (2006.01) F04D 29/043 (2006.01) F16C 17/14 (2006.01) F16C 33/12 (2006.01) F16C 33/14 (2006.01)**
[25] EN
[54] **MOTOR PUMP BEARING**
[54] **PALIER DE MOTO-POMPE**
[72] LEBKUCHNER, BENNO, US
[72] KUSTER, HANS L., US
[73] AQUAMOTION, INC., US
[86] (2935949)
[87] (2935949)
[22] 2012-09-27
[62] 2,883,495
[30] US (13/597,812) 2012-08-29

[11] 2,936,199
[13] C
[51] Int.Cl. B25C 1/08 (2006.01)
[25] EN
[54] INTERFACE FOR FUEL DELIVERY SYSTEM FOR COMBUSTION FASTENER DRIVER
[54] INTERFACE POUR SYSTEME DE DISTRIBUTION DE COMBUSTIBLE POUR CLOUEUSE A COMBUSTION
[72] VANSTAAN, VALERY H., US
[72] SHEA, MAUREEN LOUISE, US
[72] LARGO, MARC, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-07-07
[86] 2014-12-08 (PCT/US2014/069111)
[87] (WO2015/134076)
[30] US (14/195,338) 2014-03-03

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[11] 2,936,385
[13] C
[51] Int.Cl. B64F 5/00 (2017.01) G06Q 10/06 (2012.01) B25J 9/00 (2006.01) G05B 19/00 (2006.01)
[25] EN
[54] SUPERVISION AND CONTROL OF HETEROGENEOUS AUTONOMOUS OPERATIONS
[54] SUPERVISION ET COMMANDE D'OPERATIONS AUTONOMES HETEROGENES
[72] JANG, JUNG SOON, US
[72] VIAN, JOHN LYLE, US
[72] CLARK, GREGORY JOHN, US
[72] SAAD, EMAD, US
[73] THE BOEING COMPANY, US
[86] (2936385)
[87] (2936385)
[22] 2010-05-06
[62] 2,760,693
[30] US (12/479,667) 2009-06-05
[30] US (12/560,569) 2009-09-16

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[11] 2,937,762
[13] C
[51] Int.Cl. C09K 8/32 (2006.01) C09K 8/64 (2006.01) E21B 43/22 (2006.01)
[25] EN
[54] VISCOSIFIER POLYMER FOR TREATMENT OF A SUBTERRANEAN FORMATION
[54] POLYMERE AMELIORANT L'INDICE DE VISCOSITE DESTINE A TRAITER UNE FORMATION SOUTERRAINE
[72] ZHA, WEIBIN, US
[72] ZHOU, HUI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-22
[86] 2014-03-03 (PCT/US2014/019885)
[87] (WO2015/133986)

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[11] 2,938,432
[13] C
[51] Int.Cl. F16H 7/12 (2006.01)
[25] EN
[54] TENSIONER
[54] TENDEUR
[72] SERKH, ALEXANDER, US
[72] SCHNEIDER, DEAN, US
[73] GATES CORPORATION, US
[85] 2016-07-29
[86] 2015-01-19 (PCT/US2015/011927)
[87] (WO2015/119765)
[30] US (14/173,978) 2014-02-06

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[11] 2,939,109
[13] C
[51] Int.Cl. G02F 1/167 (2006.01)
[25] EN
[54] ELECTROPHORETIC DISPLAY
[54] ECRAN ELECTROPHORETIQUE
[72] DU, HUI, US
[72] LAXTON, PETER, US
[72] LI, YU, US
[73] E INK CALIFORNIA, LLC, US
[85] 2016-08-08
[86] 2015-02-23 (PCT/US2015/017130)
[87] (WO2015/127375)
[30] US (61/943,926) 2014-02-24

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[11] 2,939,224
[13] C
[51] Int.Cl. H04W 72/02 (2009.01) H04W 72/04 (2009.01) H04W 88/02 (2009.01)
[25] EN
[54] SYSTEMS, METHODS, AND DEVICES FOR DEVICE-TO-DEVICE COMMUNICATION MODE SELECTION
[54] SYSTEMES, PROCEDES, ET DISPOSITIFS DE SELECTION DE MODE DE COMMUNICATION DE DISPOSITIF A DISPOSITIF
[72] HE, HONG, CN
[72] ZHANG, YUJIAN, CN
[72] HAN, SEUNGHEE, US
[73] INTEL IP CORPORATION, US
[85] 2016-08-09
[86] 2015-02-12 (PCT/US2015/015700)
[87] (WO2015/138083)
[30] US (61/953,645) 2014-03-14
[30] US (14/582,611) 2014-12-24

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[11] 2,939,466
[13] C
[51] Int.Cl. B23K 31/00 (2006.01) B23K 9/00 (2006.01) B23K 9/007 (2006.01) B23K 9/167 (2006.01)
[25] EN
[54] REPAIR METHOD FOR CAST STEEL MEMBER
[54] METHODE DE REPARATION D'ELEMENT EN ACIER MOULE
[72] NISHIDA, HIDETAKA, JP
[73] THE CHUGOKU ELECTRIC POWER CO., INC., JP
[85] 2016-08-11
[86] 2014-02-13 (PCT/JP2014/053272)
[87] (WO2015/121936)

[11] **2,941,385**
[13] C
[51] **Int.Cl. A45D 34/00 (2006.01)**
[25] EN
[54] **COSMETIC APPLICATOR SYSTEM COMPRISING A MAGNIFYING CAP FOR A NON-FUNCTIONAL APPLICATOR HEAD**
[54] **SYSTEME D'APPLICATEUR DE COSMETIQUE COMPRENANT UN CAPUCHON GROSSISSANT POUR UNE TETE D'APPLICATEUR NON-FONCTIONNEL**
[72] CORBELLINI, FRANCIS, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC, US
[85] 2016-08-31
[86] 2015-03-12 (PCT/US2015/020190)
[87] (WO2015/138730)
[30] US (14/207,784) 2014-03-13
[30] US (14/283,453) 2014-05-21

[11] **2,941,585**
[13] C
[51] **Int.Cl. G08B 21/24 (2006.01)**
[25] EN
[54] **HYGIENE TRACKING COMPLIANCE**
[54] **RESPECT DE SUIVI D'HYGIENE**
[72] MOORE, MARK, US
[73] GOJO INDUSTRIES, INC., US
[85] 2016-09-09
[86] 2015-03-10 (PCT/US2015/019592)
[87] (WO2015/138384)
[30] US (61/950,375) 2014-03-10

[11] **2,941,709**
[13] C
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **PLUGGING OF A FLOW PASSAGE IN A SUBTERRANEAN WELL**
[54] **OBTURATION D'UN PASSAGE D'ECOULEMENT DANS UN PUITS SOUTERRAIN**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-06
[86] 2014-04-16 (PCT/US2014/034275)
[87] (WO2015/160338)

[11] **2,942,277**
[13] C
[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/89 (2013.01) A61F 2/86 (2013.01)**
[25] EN
[54] **REDUCED GRANULATION AND INFLAMMATION STENT DESIGN**
[54] **CONCEPTION DE STENT REDUISANT LA GRANULATION ET L'INFLAMMATION**
[72] FLEURY, SEAN P., US
[72] SEDDON, DANE T., US
[72] WEITZNER, BARRY, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-09-07
[86] 2015-03-17 (PCT/US2015/021029)
[87] (WO2015/142897)
[30] US (61/954,786) 2014-03-18

[11] **2,943,079**
[13] C
[51] **Int.Cl. B65D 21/02 (2006.01) E02B 3/10 (2006.01) E02B 7/02 (2006.01) E02B 7/08 (2006.01)**
[25] EN
[54] **STRUCTURE INCLUDING INTERLOCKING CONTAINERS**
[54] **STRUCTURE COMPRENANT DES RECIPIENTS A EMBOITEMENT**
[72] KRIEGSTEIN, STEWART, US
[73] KRIEGSTEIN, STEWART, US
[85] 2016-09-16
[86] 2015-03-13 (PCT/US2015/020422)
[87] (WO2015/142643)
[30] US (14/219,062) 2014-03-19

[11] **2,943,309**
[13] C
[51] **Int.Cl. B60K 11/02 (2006.01)**
[25] EN
[54] **THERMAL CONTROL SYSTEM OF ELECTRIC VEHICLE**
[54] **SYSTEME DE REGULATION DE TEMPERATURE POUR VOITURE ELECTRIQUE**
[72] YANG, ANTHONY AN-TAO, CN
[72] CHEN, GORDON CHING, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2016-09-20
[86] 2015-03-20 (PCT/CN2015/074808)
[87] (WO2015/139665)
[30] US (61/968,783) 2014-03-21

[11] **2,943,761**
[13] C
[51] **Int.Cl. B62K 5/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **SADDLE RIDING TYPE VEHICLE WITH TWO FRONT WHEELS AND LOCKABLE LINKAGE**
[54] **VEHICULE DU TYPE A SELLE DOTE DE DEUX ROUES AVANT ET D'UN LIEN VERROUILLABLE**
[72] HARA, NOBUO, JP
[72] SHIBUYA, YU, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[85] 2016-09-23
[86] 2015-03-16 (PCT/JP2015/057731)
[87] (WO2015/146679)
[30] JP (2014-060197) 2014-03-24

[11] **2,944,691**
[13] C
[51] **Int.Cl. H04W 72/08 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **METHOD FOR RESOURCE ALLOCATION, METHOD FOR CHANNEL STATE INFORMATION TRANSMISSION, BASE STATION AND USER EQUIPMENT**
[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES, PROCEDE DE TRANSMISSION D'INFORMATION D'ETAT DE CANAL, STATION DE BASE ET EQUIPEMENT UTILISATEUR**
[72] WANG, YI, CH
[72] ZHOU, HUA, CH
[72] WU, JIANMING, CH
[73] FUJITSU LIMITED, JP
[86] (2944691)
[87] (2944691)
[22] 2010-12-22
[62] 2,824,653

[11] 2,944,824
[13] C
[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **FLOATING PRECAST MANHOLE AND CATCH BASIN COVER SYSTEMS**
[54] **SYSTEMES DE COUVERCLES FLOTTANTS PREMOULES DESTINES A UN TROU D'HOMME ET UN PUISARD**
[72] ESRAFILI, ESMAEIL, CA
[73] ESRAFILI, ESMAEIL, CA
[86] (2944824)
[87] (2944824)
[22] 2016-10-07
[30] US (14/921,450) 2015-10-23

[11] 2,945,373
[13] C
[51] **Int.Cl. G02B 1/14 (2015.01) G02B 3/00 (2006.01)**
[25] EN
[54] **LENS**
[54] **LENTILLE**
[72] LAI, WEI-XIAN, TW
[73] LAI, WEI-XIAN, TW
[86] (2945373)
[87] (2945373)
[22] 2016-10-17
[30] TW (104218416) 2015-11-17

[11] 2,945,745
[13] C
[51] **Int.Cl. G02B 6/24 (2006.01)**
[25] EN
[54] **OPTICAL FIBER SPLICING STRUCTURE**
[54] **STRUCTURE DE CONNEXION DE FIBRE OPTIQUE**
[72] MATSUDA, TAKAHARU, JP
[72] YAMAGUCHI, TAKASHI, JP
[72] TAKIZAWA, KAZUHIRO, JP
[72] YONEDA, KEISUKE, JP
[72] TAKAMIZAWA, KAZUTOSHI, JP
[72] AOYAGI, YUJI, JP
[72] NAKAYACHI, KATSUSHI, JP
[73] FUJIKURA LTD., JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2016-10-13
[86] 2015-04-22 (PCT/JP2015/062197)
[87] (WO2015/163348)
[30] JP (2014-088455) 2014-04-22

[11] 2,947,170
[13] C
[51] **Int.Cl. A22C 11/02 (2006.01) A23P 20/20 (2016.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FILLING OF SAUSAGE SLEEVES**
[54] **METHODE ET DISPOSITIF DE REMPLISSAGE D'ENVELOPPE DE SAUCISSE**
[72] BETZ, ANDREAS, DE
[72] BACHTLE, MANFRED, DE
[72] SCHLIESSER, GERHARD, DE
[72] RESTLE, CHRISTIAN, DE
[72] OSSWALD, FLORIAN, DE
[73] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[86] (2947170)
[87] (2947170)
[22] 2016-10-28
[30] EP (15 198 179.2) 2015-12-07

[11] 2,947,847
[13] C
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **EFFICIENT LINE SEARCH METHODS FOR MULTI-PARAMETER FULL WAVEFIELD INVERSION**
[54] **PROCEDES EFFICACES DE RECHERCHE DU PAS OPTIMAL POUR INVERSION DE CHAMP D'ONDES COMPLET A PARAMETRES MULTIPLES**
[72] TANG, YAXUN, US
[72] AYENIA, GBOYEGA, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-11-02
[86] 2015-03-26 (PCT/US2015/022786)
[87] (WO2015/171215)
[30] US (61/990,860) 2014-05-09

[11] 2,948,235
[13] C
[51] **Int.Cl. C10G 2/00 (2006.01) C07C 1/04 (2006.01) C10G 73/42 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **CATALYST AND PROCESS FOR THE PRODUCTION OF DIESEL FUEL FROM NATURAL GAS, NATURAL GAS LIQUIDS, OR OTHER GASEOUS FEEDSTOCKS**
[54] **CATALYSEUR ET PROCEDE POUR LA PRODUCTION DE CARBURANT DIESEL A PARTIR DE GAZ NATUREL, DE LIQUIDES DU GAZ NATUREL OU D'AUTRES CHARGES DE DEPARTGAZEUSES**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[73] GREYROCK TECHNOLOGY, LLC, US
[86] (2948235)
[87] (2948235)
[22] 2014-02-27
[62] 2,904,242
[30] US (61/851,479) 2013-03-08

[11] 2,948,688
[13] C
[51] **Int.Cl. C12P 19/00 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/40 (2006.01) C12P 13/00 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2948688)
[87] (2948688)
[22] 2007-10-26
[62] 2,868,671
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[11] 2,950,398
[13] C
[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL CEMENT COMPRISING ASYMMETRIC ACRYLAMIDE-METHACRYLIC ACID ESTER COMPOUND**
[54] **CIMENT DENTAIRE RENFERMANT UN COMPOSE D'ESTER D'ACIDE ACRYLAMIDE-METHACRYLIQUE**
[72] TAKEI, MITSURU, JP
[72] NOJIRI, YAMATO, JP
[73] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-11-25
[86] 2015-06-10 (PCT/JP2015/002915)
[87] (WO2015/190100)
[30] JP (2014-119596) 2014-06-10

[11] 2,950,399
[13] C
[51] **Int.Cl. A61K 6/083 (2006.01) A61K 6/00 (2006.01)**
[25] EN
[54] **SELF-ADHESIVE DENTAL COMPOSITE RESIN COMPRISING ASYMMETRIC ACRYLAMIDE-METHACRYLIC ACID ESTER COMPOUND**
[54] **RESINE COMPOSITE DENTAIRE AUTOADHESIVE RENFERMANT UN COMPOSE D'ESTER ACIDE ACRYLAMIDE-METHACRYLIQUE ASYMETRIQUE**
[72] KUDO, YASUTAKA, JP
[72] NOJIRI, YAMATO, JP
[72] TAKEI, MITSURU, JP
[73] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-11-25
[86] 2015-06-10 (PCT/JP2015/002916)
[87] (WO2015/190101)
[30] JP (2014-119597) 2014-06-10

[11] 2,951,060
[13] C
[51] **Int.Cl. B60S 5/00 (2006.01) B25J 11/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **BATTERY CHARGING BASE AND RECHARGING METHOD IMPLEMENTING SUCH A BASE**
[54] **BASE DE RECHARGEMENT D'UNE BATTERIE ET PROCEDE DE RECHARGE METTANT EN OEUVRE UNE TELLE BASE**
[72] CLERC, VINCENT, FR
[72] GARCIA, NICOLAS, FR
[72] SOUCHET, LUCAS, FR
[72] CHEVRY, VINCENT, FR
[73] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-12-02
[86] 2015-06-02 (PCT/EP2015/062198)
[87] (WO2015/185525)
[30] FR (1455102) 2014-06-05

[11] 2,952,173
[13] C
[51] **Int.Cl. B65D 5/18 (2006.01)**
[25] EN
[54] **RAPID ASSEMBLING CONTAINER**
[54] **CONTENANT A ASSEMBLAGE RAPIDE**
[72] EARNSHAW, GERALD C., US
[73] CONNECTICUT CONTAINER CORP., US
[86] (2952173)
[87] (2952173)
[22] 2016-12-15
[30] US (14/998,125) 2015-12-24

[11] 2,952,207
[13] C
[51] **Int.Cl. E21B 7/24 (2006.01) E21B 4/00 (2006.01)**
[25] EN
[54] **DOWNHOLE VIBRATION FOR IMPROVED SUBTERRANEAN DRILLING**
[54] **VIBRATION DE FOND DE TROU POUR FORAGE SOUTERRAIN AMELIORE**
[72] NGUYEN, MINH DANG, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-13
[86] 2014-09-15 (PCT/US2014/055665)
[87] (WO2016/043707)

[11] 2,953,837
[13] C
[51] **Int.Cl. E04F 15/02 (2006.01) E01C 9/08 (2006.01) E04B 5/48 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **MODULAR FLOORING SYSTEM**
[54] **SYSTEME DE REVETEMENT DE SOL MODULAIRE**
[72] MATCHUNG, JOHN BRADLEY, CA
[73] MATCHUNG, JOHN BRADLEY, CA
[85] 2016-12-29
[86] 2014-07-04 (PCT/CA2014/000553)
[87] (WO2015/006855)
[30] US (61/846,432) 2013-07-15

[11] 2,953,993
[13] C
[51] **Int.Cl. E21B 21/06 (2006.01)**
[25] EN
[54] **CLOSED LOOP DRILLING MUD COOLING SYSTEM FOR LAND-BASED DRILLING OPERATIONS**
[54] **SYSTEME DE REFROIDISSEMENT DE BOUE DE FORAGE EN BOUCLE FERMEE POUR DES OPERATIONS DE FORAGE TERRESTRE**
[72] MCCRAW, GARRY, GB
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-12-28
[86] 2015-07-08 (PCT/US2015/039509)
[87] (WO2016/007598)
[30] US (14/325,622) 2014-07-08

[11] 2,954,575
[13] C
[51] **Int.Cl. A62C 99/00 (2010.01) A62C 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR EXTINGUISHING FIRES AND PROJECTILE FOR EXTINGUISHING FIRES.**
[54] **METHODE D'EXTINCTION DES INCENDIES ET PROJECTILE DESTINE A L'EXTINCTION DES INCENDIES**
[72] TORRES MUNOZ, JORDI MIQUEL, ES
[73] TORRES SERVICIOS TECNICOS, S.L., ES
[85] 2017-01-09
[86] 2015-07-10 (PCT/ES2015/070538)
[87] (WO2016/005645)
[30] ES (P201431056) 2014-07-11

[11] **2,955,035**
[13] C
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **WINDOW COVERING SYSTEM AND WINDOW COVERING CONTROL APPARATUS THEREOF**
[54] **MECANISME DE REVETEMENT DE FENETRE ET APPAREIL ASSOCIE DE COMMANDE DE REVETEMENT DE FENETRE**
[72] WEI, SHUI-DONG, CN
[72] NIEN, KENG-HAO, CN
[73] NIEN MADE ENTERPRISE CO., LTD., CN
[86] (2955035)
[87] (2955035)
[22] 2017-01-17
[30] CN (201620065142.0) 2016-01-22
[30] US (62/318,771) 2016-04-06

---

[11] **2,955,038**
[13] C
[51] **Int.Cl. B65D 19/22 (2006.01) B65D 19/38 (2006.01)**
[25] EN
[54] **MODULAR PALLET**
[54] **PALETTE MODULAIRE**
[72] SALIARIS, DANIEL P., US
[73] SALIARIS, DANIEL P., US
[86] (2955038)
[87] (2955038)
[22] 2017-01-17
[30] US (62/281,824) 2016-01-22
[30] US (15/406,888) 2017-01-16

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[11] **2,955,182**
[13] C
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **WINDOW COVERING SYSTEM AND DISPLACEMENT CONTROLLING DEVICE THEREOF**
[54] **SYSTEME DE REVETEMENT DE FENETRE ET DISPOSITIF DE CONTROLE DE DEPLACEMENT ASSOCIE**
[72] WEI, SHUI-DONG, TW
[72] NIEN, KENG-HAO, TW
[73] NIEN MADE ENTERPRISE CO.,LTD., CN
[86] (2955182)
[87] (2955182)
[22] 2017-01-17
[30] CN (201620093383.6) 2016-01-29
[30] US (62/318,771) 2016-04-06
[30] US (62/326,020) 2016-04-22

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[11] **2,956,219**
[13] C
[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/06 (2006.01) A61K 8/72 (2006.01) A61K 8/81 (2006.01) A61Q 1/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **WATER-ABSORBING (METH) ACRYLIC RESIN WITH OPTICAL EFFECTS, AND RELATED COMPOSITIONS**
[54] **RESINE (METH)ACRYLIQUE ABSORBANT L'EAU AVEC EFFETS OPTIQUES ET COMPOSITIONS ASSOCIEES**
[72] MOHAMMADI, FATEMEH, US
[72] QU, LISA, US
[72] AKABANE, EMI, JP
[73] ELC MANAGEMENT LLC, US
[73] SHIN-ETSU CHEMICAL CO., LTD., JP
[85] 2017-01-24
[86] 2015-07-29 (PCT/US2015/042608)
[87] (WO2016/022348)
[30] US (14/450,557) 2014-08-04

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[11] **2,956,595**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H01R 24/86 (2011.01) H01R 13/24 (2006.01) H01R 13/627 (2006.01)**
[25] EN
[54] **INTERFACE SYSTEM FOR COMMUNICATION DEVICES**
[54] **SYSTEME D'INTERFACE POUR DISPOSITIFS DE COMMUNICATION**
[72] CHUA, HONG DA, MY
[72] CHAN, KOK YONG, MY
[72] GARRA, LANTING L., US
[72] TAN, YING HOOI, MY
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2017-01-27
[86] 2015-07-23 (PCT/US2015/041751)
[87] (WO2016/018715)
[30] US (14/447,718) 2014-07-31

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[11] **2,957,226**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61K 31/4725 (2006.01) A61K 31/517 (2006.01) C07D 401/04 (2006.01) C07D 405/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **ISOINDOLINE COMPOUNDS FOR USE IN THE TREATMENT OF CANCER**
[54] **COMPOSES D'ISOINDOLINE UTILISABLES DANS LE CADRE DU TRAITEMENT DU CANCER**
[72] MULLER, GEORGE W., US
[72] RUCHELMAN, ALEXANDER L., US
[73] CELGENE CORPORATION, US
[86] (2957226)
[87] (2957226)
[22] 2009-10-26
[62] 2,741,299
[30] US (61/109,475) 2008-10-29

[11] **2,958,945**
[13] C
[51] **Int.Cl. B29C 64/182 (2017.01) B29C 64/165 (2017.01)**
[25] EN
[54] **3D PRINTER, 3D PRINTER ARRANGEMENT AND GENERATIVE MANUFACTURING PROCESS**
[54] **IMPRIMANTE 3D, DISPOSITION D'IMPRIMANTE 3D ET PROCEDE DE FABRICATION GENERATIVE**
[72] HOECHSMANN, RAINER, DE
[72] MUELLER, ALEXANDER, DE
[72] KLAUA, SVEN, DE
[73] EXONE GMBH, DE
[85] 2017-02-22
[86] 2015-08-26 (PCT/EP2015/069505)
[87] (WO2016/030405)
[30] DE (10 2014 112 447.2) 2014-08-29

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[11] **2,959,232**
[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/055 (2006.01) A61B 5/06 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR ADAPTIVE IMAGE ACQUISITION**
[54] **PROCEDE, SYSTEME ET APPAREIL D'ACQUISITION D'IMAGE ADAPTATIVE**
[72] PIRON, CAMERON ANTHONY, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2015-01-07 (PCT/CA2015/000011)
[87] (WO2016/109876)

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[11] **2,961,153**
[13] C
[51] **Int.Cl. A01D 34/73 (2006.01) A01D 34/76 (2006.01) A01D 34/82 (2006.01)**
[25] EN
[54] **AGRICULTURAL BLADES AND MACHINE PARTS WITH AMORPHOUS METAL LASER CLADDING**
[54] **LAMES AGRICOLES ET PIECES DE MACHINE A PLACAGE LASER EN METAL AMORPHE**
[72] STOFFEL, NEAL J., US
[72] PLACEK, CASEY, US
[72] JOHNSON, KEITH A., US
[72] BAEZ, HEATHER, US
[73] KONDEX CORPORATION, US
[85] 2017-03-13
[86] 2015-02-27 (PCT/US2015/018010)
[87] (WO2016/043803)
[30] US (62/050,687) 2014-09-15
[30] US (62/050,880) 2014-09-16

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[11] **2,961,767**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/95 (2013.01) A61F 2/962 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **VASCULAR PROSTHESES FOR TREATING ANEURYSMS**
[54] **PROTHESES VASCULAIRES UTILISEES POUR LE TRAITEMENT DES ANEVRISMES**
[72] SHALEV, ALON, IL
[72] BENARY, RAFI, IL
[73] ENDOSPAN LTD., IL
[86] (2961767)
[87] (2961767)
[22] 2010-06-23
[62] 2,766,347
[30] US (61/219,758) 2009-06-23
[30] US (61/221,074) 2009-06-28

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[11] **2,964,236**
[13] C
[51] **Int.Cl. E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTI-WELL RANGING DETERMINATION**
[54] **PROCEDES ET APPAREIL POUR LA TELEMETRIE DE PLUSIEURS PUITS**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] FAN, YIJING, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-11-18 (PCT/US2014/066168)
[87] (WO2016/080968)

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[11] **2,965,368**
[13] C
[51] **Int.Cl. C12P 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/107 (2006.01) C12P 5/02 (2006.01) C12P 7/02 (2006.01) C12P 7/06 (2006.01) C12P 7/16 (2006.01) C12P 7/28 (2006.01) C12P 7/42 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **MULTI-STAGE BIOREACTOR PROCESSES**
[54] **PROCEDES EN BIOREACTEUR A PLUSIEURS ETAGES**
[72] TREVETHICK, SIMON RICHARD, US
[72] BROMLEY, JASON CARL, US
[72] WATERS, GUY WILLIAM, US
[72] KOEPKE, MICHAEL, US
[72] TRAN, LOAN PHUONG, US
[72] JENSEN OVERGAARD, RASMUS, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2017-04-20
[86] 2015-10-22 (PCT/US2015/057025)
[87] (WO2016/065217)
[30] US (62/067,379) 2014-10-22
[30] US (62/067,405) 2014-10-22

[11] 2,966,414
[13] C
[51] **Int.Cl. B60P 3/00 (2006.01) A62B 31/00 (2006.01) B60H 1/00 (2006.01) E21F 11/00 (2006.01) E21F 13/00 (2006.01)**
[25] EN
[54] **RESCUE VEHICLE**
[54] **VEHICULE DE SECOURS**
[72] BODE, CHRISTIAN, DE
[72] NEERVOORT, SVEN, DE
[72] ARMSTRONG, KENT, CA
[73] DRAEGER SAFETY AG & CO. KGAA, DE
[85] 2017-05-01
[86] 2015-10-26 (PCT/EP2015/002118)
[87] (WO2016/066257)
[30] DE (10 2014 015 944.2) 2014-10-30

[11] 2,966,856
[13] C
[51] **Int.Cl. F28F 9/04 (2006.01) F24H 8/00 (2006.01) F28F 1/00 (2006.01) F28F 21/08 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR RECOVERY OF WASTE HEAT**
[54] **ECHANGEUR THERMIQUE DESTINE A LA RECUPERATION DE CHALEUR PERDUE**
[72] PARK, IN KYU, KR
[73] PARK, IN KYU, KR
[86] (2966856)
[87] (2966856)
[22] 2017-05-10
[30] KR (10-2016-0087486) 2016-07-11

[11] 2,967,719
[13] C
[51] **Int.Cl. C08L 23/06 (2006.01) C08F 2/34 (2006.01) C08F 4/02 (2006.01) C08F 4/16 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITION HAVING HIGH STRESS CRACKING RESISTANCE**
[54] **COMPOSITION DE POLYETHYLENE AYANT UNE RESISTANCE ELEVEE A LA FISSURATION SOUS CONTRAINTE**
[72] MANNEBACH, GERD, DE
[72] MARCZINKE, BERND LOTHAR, DE
[72] MEIER, GERHARDUS, DE
[72] SCHULLER, ULF, DE
[72] VITTORIAS, IAKOVOS, DE
[72] MAVRIDIS, HARILAOS, US
[73] BASELL POLYOLEFINE GMBH, DE
[85] 2017-05-12
[86] 2015-10-27 (PCT/EP2015/074863)
[87] (WO2016/078880)
[30] US (62/081,396) 2014-11-18

[11] 2,968,052
[13] C
[51] **Int.Cl. B29C 70/50 (2006.01)**
[25] FR
[54] **DEPOSIT HEAD FOR A RIBBON WITH IMPREGNATED FIBRES, AND PLACEMENT DEVICE FOR SUCH A RIBBON**
[54] **TETE DE DEPOSE D'UN RUBAN DE FIBRES IMPREGNEES, ET DISPOSITIF DE PLACEMENT D'UN TEL RUBAN**
[72] AMARI, ANDRE, FR
[72] DULAC, GUILLAUME, FR
[72] TARDIEU, PHILIPPE, FR
[72] GAFFIERO, JACQUES, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2968052)
[87] (2968052)
[22] 2017-05-18
[30] FR (1600833) 2016-05-24

[11] 2,969,927
[13] C
[51] **Int.Cl. F02D 41/04 (2006.01) F02M 26/00 (2016.01) F02M 26/45 (2016.01) F02M 26/52 (2016.01) F02D 41/30 (2006.01)**
[25] EN
[54] **CONTROLLER FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE CONTROLE DE MOTEUR A COMBUSTION INTERNE**
[72] NOGAWA, SHINICHIRO, JP
[72] MIZOGUCHI, HIROAKI, JP
[72] IRISAWA, YASUYUKI, JP
[72] HOTTA, SHINTARO, JP
[72] HAYASHI, MASANORI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2969927)
[87] (2969927)
[22] 2017-06-06
[30] JP (2016-115451) 2016-06-09

[11] 2,970,951
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK-ACCESSIBLE RESOURCE MANAGEMENT SYSTEM WITH DISTRIBUTABLE GOVERNANCE**
[54] **SYSTEME DE GESTION DE RESSOURCES ACCESSIBLE PAR RESEAU AVEC GOUVERNANCE DISTRIBUABLE**
[72] GRANT, JOEL LAUGHLIN, CA
[72] NIXON, BRIAN GREGORY, CA
[73] INODZ IP CO., AI
[85] 2017-06-15
[86] 2015-12-18 (PCT/CA2015/051352)
[87] (WO2016/095056)
[30] CA (2875774) 2014-12-19

[11] **2,971,352**
[13] C
[51] **Int.Cl. C22B 3/04 (2006.01) C22B 3/44 (2006.01) C22B 5/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED METAL RECOVERY DURING ATMOSPHERIC LEACHING OF METAL SULFIDES**
[54] **SYSTEME ET PROCEDE POUR UNE MEILLEURE RECUPERATION DE METAL PENDANT UNE LIXIVIATION ATMOSPHERIQUE DE SULFURES METALLIQUES**
[72] CHAIKO, DAVID J., US
[72] BACZEK, FRANK, US
[72] WALTERS, TOM, US
[72] ROCKS, SALLY, US
[72] EYZAGUIRRE, CARLOS, US
[73] FLSMIDTH A/S, DK
[85] 2017-03-06
[86] 2015-09-14 (PCT/US2015/050045)
[87] (WO2016/040955)
[30] US (62/050,039) 2014-09-12

---

[11] **2,972,285**
[13] C
[51] **Int.Cl. B60K 1/00 (2006.01) B60K 1/04 (2006.01) B60K 17/00 (2006.01) B62D 21/00 (2006.01)**
[25] EN
[54] **A FUEL TO ELECTRIC REUSABLE CONVERSION KIT AND A METHOD OF CONVERTING AND REUSING THE CONVERSION KIT**
[54] **KIT DE CONVERSION D'UN MODE DE CARBURANT A UN MODE ELECTRIQUE REUTILISABLE ET PROCEDE DE CONVERSION ET DE REUTILISATION DU KIT DE CONVERSION**
[72] TA, DUY-AN, CA
[72] GIGUERE, NOEL, CA
[72] LANCIAULT, FRANCOIS-NICOLAS, CA
[73] SERVICES AUTOMOBILES GRANTUNED INC., CA
[85] 2017-06-27
[86] 2016-03-29 (PCT/CA2016/050364)
[87] (WO2016/149836)
[30] US (62/138,726) 2015-03-26

---

[11] **2,973,135**
[13] C
[51] **Int.Cl. C23C 2/02 (2006.01)**
[25] EN
[54] **METHOD FOR APPLYING A METAL PROTECTIVE COATING TO A SURFACE OF A STEEL PRODUCT**
[54] **PROCEDE DE DEPOT D'UN REVETEMENT PROTECTEUR METALLIQUE SUR UNE SURFACE D'UN PRODUIT EN ACIER**
[72] NORDEN, MARTIN, DE
[72] KLUEPPEL, INGO, DE
[72] GIZA, MIROSLAW, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2017-07-06
[86] 2015-11-10 (PCT/EP2015/076207)
[87] (WO2016/119936)
[30] DE (10 2015 101 312.6) 2015-01-29

---

[11] **2,973,456**
[13] C
[51] **Int.Cl. G03F 7/20 (2006.01) B33Y 10/00 (2015.01) B33Y 50/02 (2015.01) B29C 64/153 (2017.01) B22F 3/105 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL SHAPING METHOD**
[54] **METHODE DE FACONNAGE TRIDIMENSIONNEL**
[72] AMAYA, KOUICHI, JP
[72] ISHIMOTO, KOUSUKE, JP
[72] YAMADA, TAKESHI, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[86] (2973456)
[87] (2973456)
[22] 2017-07-14

---

[11] **2,973,759**
[13] C
[51] **Int.Cl. B66D 5/34 (2006.01) B66B 5/26 (2006.01) B66C 15/00 (2006.01) B66D 5/24 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **SAFETY BRAKE FOR A LIFTING DEVICE**
[54] **FREIN DE SECURITE DESTINE A UN MECANISME DE LEVAGE**
[72] HEIL, RUDIGER, DE
[72] STAUB, EUGEN, DE
[72] HOERMANN, WALFRIED, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-13
[86] 2016-01-15 (PCT/EP2016/050717)
[87] (WO2016/113373)
[30] EP (15151312.4) 2015-01-15
[30] EP (16151027.6) 2016-01-13

---

[11] **2,975,115**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01) A61K 31/045 (2006.01) A61K 31/22 (2006.01) A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61K 35/20 (2006.01) A61K 38/17 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR TREATING SKIN CONDITIONS**
[54] **COMPOSITION ET METHODE DE TRAITEMENT DES MALADIES DE LA PEAU**
[72] OBAGI, ZEIN E., US
[72] WOODIN, FREDERICK W., JR., US
[73] ZO SKIN HEALTH, INC., US
[86] (2975115)
[87] (2975115)
[22] 2017-07-31
[30] US (15/226,349) 2016-08-02

[11] **2,976,497**
[13] C
[51] **Int.Cl. B60R 13/00 (2006.01) B60R 25/102 (2013.01) B60R 13/10 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR TRACKING VEHICLES**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE SUIVI DE VEHICULES**
[72] LISI, MARCO, CA
[73] FOXTRAC INC., CA
[86] (2976497)
[87] (2976497)
[22] 2015-02-23
[62] 2,941,918
[30] US (61/968,019) 2014-03-20

---

[11] **2,976,683**
[13] C
[51] **Int.Cl. B65C 9/28 (2006.01)**
[25] EN
[54] **A DEVICE FOR THE LABELLING OF INDIVIDUAL PRODUCTS**
[54] **DISPOSITIF D'ETIQUETAGE DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] JUNG, ULRICH, DE
[73] ESPERA-WERKE GMBH, DE
[85] 2017-08-15
[86] 2016-02-15 (PCT/EP2016/053144)
[87] (WO2016/177486)
[30] DE (10 2015 106 861.3) 2015-05-04

---

[11] **2,977,001**
[13] C
[51] **Int.Cl. A61K 31/66 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **PHOSPHATE MANAGEMENT WITH SMALL MOLECULES**
[54] **REGULATION DE PHOSPHATE AVEC DE PETITES MOLECULES**
[72] SAHA, UTTAM, CA
[72] HELVIG, CHRISTIAN F., CA
[72] PETKOVICH, P. MARTIN, CA
[73] OPKO IRELAND GLOBAL HOLDINGS, LTD., KY
[86] (2977001)
[87] (2977001)
[22] 2010-01-26
[62] 2,746,832
[30] US (61/147,348) 2009-01-26

---

[11] **2,977,602**
[13] C
[51] **Int.Cl. C22B 23/00 (2006.01) C22B 1/00 (2006.01) C22B 3/08 (2006.01)**
[25] EN
[54] **ORE SLURRY PRE-TREATMENT METHOD AND ORE SLURRY MANUFACTURING METHOD**
[54] **PROCEDE DE PRE-TRAITEMENT DE SUSPENSION EPAISSE DE MINERAI ET PROCEDE DE FABRICATION DE SUSPENSION EPAISSE DE MINERAI**
[72] HIGUCHI, HIROTAKA, JP
[72] OHARA, GO, JP
[72] NAKAI, OSAMU, JP
[72] IMAMURA, MASAKI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-08-23
[86] 2015-12-01 (PCT/JP2015/083790)
[87] (WO2016/136069)
[30] JP (2015-035245) 2015-02-25

---

[11] **2,979,641**
[13] C
[51] **Int.Cl. H01S 3/00 (2006.01) G01J 1/02 (2006.01)**
[25] EN
[54] **OPTICAL ATTENUATOR**
[54] **ATTENUATEUR OPTIQUE**
[72] MORIMIYA, NAOYUKI, JP
[72] TORII, NAOYUKI, JP
[72] OKAMOTO, NAOKI, JP
[72] YOSHIDA, NAOYA, JP
[72] SAITO, TSUNEO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-13
[86] 2016-02-09 (PCT/JP2016/053800)
[87] (WO2016/147752)
[30] JP (2015-050988) 2015-03-13

---

[11] **2,979,877**
[13] C
[51] **Int.Cl. F16M 11/06 (2006.01) A47B 21/04 (2006.01) F16C 11/10 (2006.01) F16M 11/04 (2006.01) G09F 7/20 (2006.01)**
[25] EN
[54] **ARTICULATING SUPPORT ARM WITH IMPROVED TILTER AND FRICTION JOINT**
[54] **BRAS DE SUPPORT ARTICULE A ARTICULATION A BASCULEMENT ET FROTTEMENT AMELIOREE**
[72] BOWMAN, STEPHEN J., US
[72] HOCHBERG, CARL J., US
[72] SMITH, MICHAEL P., US
[72] LAM, MICKEY, US
[73] INNOVATIVE OFFICE PRODUCTS, LLC, US
[85] 2017-09-14
[86] 2016-04-06 (PCT/US2016/026196)
[87] (WO2016/171908)
[30] US (62/149,887) 2015-04-20
[30] US (62/293,452) 2016-02-10

---

[11] **2,980,204**
[13] C
[51] **Int.Cl. H04B 5/00 (2006.01) H01Q 1/22 (2006.01) H01Q 11/02 (2006.01) H01Q 13/26 (2006.01)**
[25] EN
[54] **ANTENNA FOR SHORT-RANGE APPLICATIONS AND UTILIZATION OF SUCH AN ANTENNA**
[54] **ANTENNE POUR APPLICATIONS EN CHAMP PROCHE ET UTILISATION D'UNE TELLE ANTENNE**
[72] KILIAN, DIETER, DE
[73] KILIAN, DIETER, DE
[85] 2017-09-19
[86] 2016-02-05 (PCT/EP2016/000192)
[87] (WO2016/150537)
[30] DE (10 2015 003 784.6) 2015-03-23

[11] **2,982,693**
[13] C
[51] **Int.Cl. H04W 72/14 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RADIO COMMUNICATION APPARATUS, RADIO COMMUNICATION SYSTEM, AND RADIO COMMUNICATION METHOD**
[54] **APPAREIL DE COMMUNICATION RADIO, SYSTEME DE COMMUNICATION RADIO ET METHODE DE COMMUNICATION RADIO**
[72] OHTA, YOSHIAKI, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] YANO, TETSUYA, JP
[72] TANAKA, YOSHINORI, JP
[73] FUJITSU LIMITED, JP
[86] (2982693)
[87] (2982693)
[22] 2010-02-12
[62] 2,789,637

---

[11] **2,983,497**
[13] C
[51] **Int.Cl. B64G 1/64 (2006.01) B64G 1/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSEMBLING AND DEPLOYING SATELLITES**
[54] **SYSTEME ET PROCEDE POUR ASSEMBLER ET DEPLOYER DES SATELLITES**
[72] FIELD, DANIEL W., US
[72] ASKIJIAN, ARMEN, US
[72] GROSSMAN, JAMES, US
[72] SMITH, ALEXANDER D., US
[73] WORLDVU SATELLITES LIMITED, US
[85] 2017-10-20
[86] 2016-04-27 (PCT/US2016/029518)
[87] (WO2016/176302)
[30] US (14/700,504) 2015-04-30

---

[11] **2,983,676**
[13] C
[51] **Int.Cl. A61B 42/10 (2016.01) A41D 19/00 (2006.01)**
[25] EN
[54] **AUTOMATIC APPARATUS FOR PUTTING STERILE GLOVES ON HANDS**
[54] **APPAREIL AUTOMATIQUE DE POSE DE GANTS STERILES SUR LES MAINS**
[72] AVSHALOM, SHIMON, IL
[72] SARDEHELI, YOMTOV, IL
[73] AVSHALOM, SHIMON, IL
[73] SARDEHELI, YOMTOV, IL
[85] 2017-10-23
[86] 2016-04-25 (PCT/IL2016/050437)
[87] (WO2016/174672)
[30] IL (238458) 2015-04-26

---

[11] **2,984,083**
[13] C
[51] **Int.Cl. H04B 1/22 (2006.01) B60L 1/00 (2006.01) B60R 11/02 (2006.01) B60R 16/00 (2006.01) H04B 7/005 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **DIGITAL SIGNAL ROUTER FOR VEHICLE REPLACEMENT SOUND SYSTEM**
[54] **ROUTEUR DE SIGNAL NUMERIQUE POUR SYSTEME SONORE DE RECHANGE DE VEHICULE**
[72] RUTLEDGE, MARK, US
[73] AUTOMOTIVE DATA SOLUTIONS, INC., CA
[85] 2017-10-26
[86] 2016-07-19 (PCT/IB2016/054297)
[87] (WO2017/013586)
[30] US (62/196,220) 2015-07-23
[30] US (14/942,077) 2015-11-16

---

[11] **2,988,025**
[13] C
[51] **Int.Cl. E04G 23/02 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **SYSTEMS FOR RESTORING, REPAIRING, REINFORCING, PROTECTING, INSULATING AND/OR CLADDING STRUCTURES WITH LOCATABLE STAND-OFF COMPONENTS**
[54] **SYSTEMES POUR RESTAURER, REPARER, RENFORCER, PROTEGER, ISOLER ET GAINER DES STRUCTURES AVEC DES COMPOSANTS EN PORTE-A-FAUX LOCALISABLES**
[72] RICHARDSON, GEORGE DAVID, CA
[72] KRIVULIN, SEMION, CA
[72] FANG, ZI LI, CA
[73] CFS CONCRETE FORMING SYSTEMS INC., CA
[86] (2988025)
[87] (2988025)
[22] 2013-01-04
[62] 2,859,608
[30] US (61/583589) 2012-01-05
[30] US (61/703169) 2012-09-19

---

[11] **2,988,744**
[13] C
[51] **Int.Cl. C09K 3/18 (2006.01)**
[25] EN
[54] **ICE MELTING COMPOSITION AND PROCESS FOR PRODUCING THEREOF**
[54] **COMPOSITION DE FONDANT A GLACE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] NEAL, PETER BURLEY, CA
[73] 9533109 CANADA INC., CA
[86] (2988744)
[87] (2988744)
[22] 2017-12-14
[30] US (62/459,997) 2017-02-16

[11] **2,990,141**
[13] C
[51] **Int.Cl. H02M 7/48 (2007.01) H02M 7/5387 (2007.01)**
[25] EN
[54] **INVERTER WITH CHARGING CAPABILITY**
[54] **ONDULEUR A CAPACITE DE CHARGE**
[72] TSUGAWA, DAI, JP
[72] YAMAGAMI, SHIGEHARU, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-19
[86] 2015-06-23 (PCT/JP2015/067989)
[87] (WO2016/207969)

---

[11] **2,990,708**
[13] C
[51] **Int.Cl. F02B 75/04 (2006.01) F02B 75/32 (2006.01) F02D 15/02 (2006.01)**
[25] EN
[54] **VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE AND LEARNING METHOD THEREFOR**
[54] **MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE ET PROCEDE D'APPRENTISSAGE POUR CE DERNIER**
[72] OKAMOTO, KAZUHIKO, JP
[72] TAKAHASHI, EIJI, JP
[72] HIYOSHI, RYOUSUKE, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-21
[86] 2015-06-25 (PCT/JP2015/068292)
[87] (WO2016/208024)

---

[11] **2,990,849**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **NUMERIC PATTERN NORMALIZATION FOR CRYPTOGRAPHIC SIGNATURES**
[54] **NORMALISATION DE MOTIF NUMERIQUE DESTINEE A DES SIGNATURES CRYPTOGRAPHIQUES**
[72] WOODWORTH, JOHN R., US
[72] BALLEW, DEAN, US
[72] RAGHAVAN, SHASHWATH BINDINGANAVELI, US
[73] CENTURYLINK INTELLECTUAL PROPERTY LLC, US
[85] 2017-12-22
[86] 2016-05-17 (PCT/US2016/032874)
[87] (WO2017/023396)
[30] US (62/185,221) 2015-06-26
[30] US (14/984,105) 2015-12-30

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[11] **2,992,534**
[13] C
[51] **Int.Cl. F02D 15/02 (2006.01) F02B 75/32 (2006.01) F02D 45/00 (2006.01)**
[25] EN
[54] **VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE**
[72] TAKAHASHI, EIJI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-15
[86] 2015-07-15 (PCT/JP2015/070226)
[87] (WO2017/009961)

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[11] **2,994,062**
[13] C
[51] **Int.Cl. F02D 29/02 (2006.01) B60K 35/00 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE**
[72] MATSUOKA, KAZUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-29
[86] 2015-07-30 (PCT/JP2015/071573)
[87] (WO2017/017827)

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[11] **2,997,236**
[13] C
[51] **Int.Cl. F02B 75/32 (2006.01)**
[25] EN
[54] **LUBRICATION STRUCTURE AND LUBRICATION METHOD FOR UPPER PIN IN PISTON CRANK MECHANISM OF INTERNAL COMBUSTION ENGINE**
[54] **STRUCTURE DE LUBRIFICATION ET PROCEDE DE LUBRIFICATION POUR BROCHE SUPERIEURE DE MECANISME DE VILEBREQUIN A PISTON DE MOTEUR A COMBUSTION INTERNE**
[72] WATANABE, DAISUKE, JP
[72] NAKAJIMA, SHIGERU, JP
[72] WAKI, KAZUTO, JP
[72] KOBAYASHI, YOSHIHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-01
[86] 2015-09-04 (PCT/JP2015/075169)
[87] (WO2017/037935)

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[11] **2,997,626**
[13] C
[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **A SET COMPRISING PANELS, A SUPPORTING STRUCTURE AND A FASTENING DEVICE**
[54] **ENSEMBLE COMPRENANT DES PANNEAUX, STRUCTURE DE SUPPORT ET DISPOSITIF DE FIXATION**
[72] ENGSTROM, NILS-ERIK, SE
[73] VALINGE INNOVATION AB, SE
[85] 2018-01-29
[86] 2016-08-22 (PCT/SE2016/050777)
[87] (WO2017/034455)
[30] SE (1551091-0) 2015-08-24

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[11] **2,999,836**
[13] C
[51] **Int.Cl. B60T 17/00 (2006.01) B60T 17/22 (2006.01)**
[25] EN
[54] **HEATER CONTROL FOR AN AIR DRYER**
[54] **COMMANDE D'APPAREIL DE CHAUFFAGE POUR UN DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2018-03-23
[86] 2015-09-25 (PCT/US2015/052269)
[87] (WO2017/052599)

[11] 2,999,837
[13] C
[51] **Int.Cl. B60T 17/00 (2006.01) B01D 53/04 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL OF AN AIR DRYER DRAIN VALVE CYCLE**
[54] **AMELIORATION DE LA COMMANDE D'UN CYCLE DE ROBINET DE VIDANGE DE DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2018-03-23
[86] 2015-09-25 (PCT/US2015/052294)
[87] (WO2017/052607)

[11] 3,003,108
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **STORAGE STABLE COMPOSITION COMPRISING RIFAXIMIN ALPHA**
[54] **COMPOSITION STABLE AU STOCKAGE COMPRENANT DE LA RIFAXIMINE ALPHA**
[72] SCHWARZ, FRANZ XAVER, AT
[72] PICHLER, ARTHUR, AT
[73] SANDOZ AG, CH
[85] 2018-04-24
[86] 2017-03-22 (PCT/EP2017/056798)
[87] (WO2017/162726)
[30] EP (16162417.6) 2016-03-24

Canadian Applications Open to Public Inspection

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29 juillet 2018 au 4 août 2018

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[21] **2,956,440**
[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01)**
[25] EN
[54] **THE ELECTRICAL CEILING BOX WITH HANGING ELEMENT FOR CATCHING HOLD OF FAN OR FIXTURE DURING INSTALLATION**
[54] **LA BOITE ELECTRIQUE DE PLAFOND DOTEE D'ELEMENT DE SUSPENSION SERVANT A TENIR UN VENTILATEUR OU UN APPAREIL D'ECLAIRAGE PENDANT L'INSTALLATION**
[72] ZHAO, MINGRONG ZMR, CA
[71] ZHAO, MINGRONG ZMR, CA
[22] 2017-01-30
[41] 2018-07-30

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[21] **2,956,466**
[13] A1
[51] **Int.Cl. B42D 15/00 (2006.01)**
[25] EN
[54] **GREETING CARD FOR COLORING**
[54] **CARTE DE SOUHAITS A COLORER**
[72] YORDANOVA, DANIELA DY, CA
[71] YORDANOVA, DANIELA DY, CA
[22] 2017-01-30
[41] 2018-07-30

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[21] **2,956,470**
[13] A1
[51] **Int.Cl. B81B 1/00 (2006.01) B81B 7/00 (2006.01) G01N 1/00 (2006.01)**
[25] EN
[54] **ACTIVE PRESSURE CONTROL AND IMMOBILIZATION OF MICRODROPLETS**
[54] **COMMANDE DE PRESSION ACTIVE ET IMMOBILISATION DE MICRO GOUTTELETTES**
[72] REN, CAROLYN LIQING, CA
[72] WONG, YUK HEI, CA
[72] HEBERT, MARIE, CA
[71] REN, CAROLYN LIQING, CA
[71] WONG, YUK HEI, CA
[71] HEBERT, MARIE, CA
[22] 2017-01-30
[41] 2018-07-30

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[21] **2,956,472**
[13] A1
[51] **Int.Cl. B66D 1/36 (2006.01) B65H 57/14 (2006.01) B65H 75/44 (2006.01) B66D 1/38 (2006.01)**
[25] EN
[54] **WINCH FAIRLEAD GUIDE**
[54] **GUIDE DE CHAUMARD DE TREUIL**
[72] ANDERSON, CAMERON, CA
[71] ANDERSON, CAMERON, CA
[22] 2017-01-30
[41] 2018-07-30

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[21] **2,956,480**
[13] A1
[51] **Int.Cl. A47J 29/00 (2006.01) F24C 3/00 (2006.01)**
[25] EN
[54] **EGG FRYING VERTICAL DEVICE**
[54] **APPAREIL VERTICAL DE FRITURE D'OEUF**
[72] PASHKOVSKYI, VOLODYMYR PV, CA
[72] RADZIKOWSKI, GRZEGORZ TOMASZ RG, CA
[71] PASHKOVSKYI, VOLODYMYR PV, CA
[71] RADZIKOWSKI, GRZEGORZ TOMASZ RG, CA
[22] 2017-01-30
[41] 2018-07-30

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[21] **2,956,513**
[13] A1
[51] **Int.Cl. F02B 77/04 (2006.01) F02M 35/16 (2006.01)**
[25] EN
[54] **ADVANCED GASOLINE ENGINE AIR INDUCTION CLEANING DEVICE TO ADDRESS SAFETY AND EFFECTIVENESS ISSUES OVER PRIOR ART**
[54] **DISPOSITIF DE NETTOYAGE PAR INDUCTION D'AIR D'UN MOTEUR A ESSENCE AVANCE SERVANT A REGLER LES PROBLEMES DE SECURITE ET D'EFFICACITE DE L'ART ANTERIEUR**
[72] IRWIN, ROBERT S., CA
[71] IRWIN, ROBERT S., CA
[22] 2017-01-30
[41] 2018-07-30

[21] **2,956,605**
[13] A1
[51] **Int.Cl. B43L 13/20 (2006.01) B43L 13/24 (2006.01) G09B 11/00 (2006.01)**
[25] EN
[54] **STAIGHT DOTTED LINE RULER**
[54] **REGLE DROITE A SEGMENT POINTILLE**
[72] CHICOINE, JOSHUA, CA
[71] CHICOINE, JOSHUA, CA
[22] 2017-01-31
[41] 2018-07-31

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[21] **2,956,741**
[13] A1
[51] **Int.Cl. F17C 7/00 (2006.01) A62C 13/76 (2006.01)**
[25] EN
[54] **POSITIVE PRESSURE GAS-LIQUID EVACUATOR**
[54] **EVACUATEUR GAZ-LIQUIDE A PRESSION POSITIVE**
[72] MCNEELY, TIMOTHY J., CA
[71] MCNEELY, TIMOTHY J., CA
[22] 2017-02-01
[41] 2018-08-01

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[21] **2,956,764**
[13] A1
[51] **Int.Cl. B01D 17/035 (2006.01) B01D 17/025 (2006.01) B01D 17/028 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GRAVITATIONAL SEPARATION OF THE PHASES OF A TWO PHASE LIQUID**
[54] **APPAREIL ET METHODE DE SEPARATION GRAVITATIONNELLE DES PHASES D'UN LIQUIDE BIPHASE**
[72] LESSARD, HUGO, CA
[71] SUEZ GROUPE, FR
[22] 2017-01-31
[41] 2018-07-31

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[21] **2,956,857**
[13] A1
[51] **Int.Cl. H01M 4/136 (2010.01)**
[25] FR
[54] **ELECTRODE MATERIAL, SOLID ELECTRODE AND BATTERY INCLUDING A COMPLEX OXIDE WITH OLIVINE STRUCTURE**
[54] **MATERIAU D'ELECTRODE, ELECTRODE ET BATTERIE TOUT SOLIDE COMPRENANT UN OXYDE COMPLEXE DE STRUCTURE OLIVINE**
[72] ZAGHIB, KARIM, CA
[72] ARMAND, MICHEL, FR
[72] GUERFI, ABDELBAST, CA
[72] BOUCHARD, PATRICK, CA
[72] DONTIGNY, MARTIN, CA
[72] HAMEL-PAQUET, JULIE, CA
[72] HOVINGTON, PIERRE, CA
[71] HYDRO-QUEBEC, CA
[22] 2017-02-02
[41] 2018-08-02

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[21] **2,956,933**
[13] A1
[51] **Int.Cl. B60G 17/04 (2006.01) B60F 5/00 (2006.01) B60G 17/056 (2006.01)**
[25] EN
[54] **ACTIVE SUSPENSION CONTROL SYSTEM AND METHOD FOR NO-ROAD VEHICLES**
[54] **SYSTEME ET METHODE DE CONTROLE DE SUSPENSION ACTIF DESTINES A DES VEHICULES HORS ROUTE**
[72] WAGER, GEBHARD CHARLES, CA
[71] KELSO TECHNOLOGIES INC., CA
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,956,937**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE CLAMPING MECHANISM**
[54] **MECANISME DE PINCEMENT DE DISPOSITIF DE COMMANDE ROTATIF**
[72] LOCK, JASON, CA
[71] BEYOND ENERGY SERVICES & TECHNOLOGY CORP., CA
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,956,939**
[13] A1
[51] **Int.Cl. C23F 11/04 (2006.01) C09K 8/54 (2006.01) C23G 1/02 (2006.01)**
[25] EN
[54] **NOVEL CORROSION INHIBITION PACKAGE**
[54] **EMBALLAGE NOVATEUR INHIBITEUR DE CORROSION**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,956,940**
[13] A1
[51] **Int.Cl. B01F 13/08 (2006.01) B01F 7/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MIXING LIQUIDS**
[54] **APPAREIL ET METHODE DE MELANGE DE LIQUIDES**
[72] OGILVIE, MICHAEL J., CA
[71] OGILVIE, MICHAEL J., CA
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,957,062**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD OF ENHANCING PERSONAL CONTACT INFORMATION DISPLAY ON A MOBILE DEVICE**
[54] **METHODE D'AMELIORATION D'AFFICHAGE D'INFORMATION DE CONTACT PERSONNEL SUR UN APPAREIL MOBILE**
[72] WILSON, SEAN, CA
[72] SAVAGE, LIZA, CA
[71] WILSON, SEAN, CA
[71] SAVAGE, LIZA, CA
[22] 2017-02-06
[41] 2018-08-03
[30] US (15424775) 2017-02-03

[21] **2,957,237**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **A SECURE SYSTEM FOR MULTI-PARTY MEETINGS REGARDING PATIENT CARE**
[54] **UN SYSTEME SECURISE DESTINE A DES REUNIONS MULTIPARTITES RELATIVEMENT AUX SOINS D'UN PATIENT**
[72] BLANSHARD, PATRICK, CA
[72] SOBUT, TOM, CA
[72] KRASNOV, ANDREW, CA
[71] SENSORY TECHNOLOGIES INC., CA
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,957,349**
[13] A1
[51] **Int.Cl. E04G 1/00 (2006.01) E04G 5/10 (2006.01)**
[25] EN
[54] **FOUNDING SYSTEM**
[54] **SYSTEME DE FONDATIONS**
[72] WILSON, STEPHEN, CA
[72] BOADO, MANUAL, CA
[71] BRAND SERVICES, LLC, US
[22] 2017-02-03
[41] 2018-08-03

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[21] **2,966,083**
[13] A1
[51] **Int.Cl. H01Q 3/08 (2006.01) G01S 19/14 (2010.01)**
[25] EN
[54] **ANTENNA ALIGNMENT DEVICE AND METHODS FOR ALIGNING ANTENNAS**
[54] **APPAREIL D'ALIGNEMENT D'ANTENNES ET METHODES D'ALIGNEMENT D'ANTENNES**
[72] DALMAZZO, ENZO, US
[71] DALMAZZO, ENZO, US
[22] 2017-05-03
[41] 2018-08-01
[30] US (15/422,033) 2017-02-01

---

[21] **2,969,120**
[13] A1
[51] **Int.Cl. A47L 15/50 (2006.01)**
[25] EN
[54] **WIRE DISHWARE AND CUTLERY RACK FOR DISHWASHER**
[54] **SUPPORT DE COUVERTS ET VAISSELLE EN BROCHE DESTINE A UN LAVE-VAISSELLE**
[72] CARR, CASEY, US
[72] EDWARDS, JAMES MICHAEL, US
[72] RICHARDS, MATTHEW, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2017-06-01
[41] 2018-08-03
[30] US (15/423,617) 2017-02-03

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[21] **2,973,026**
[13] A1
[51] **Int.Cl. A62C 37/00 (2006.01)**
[25] EN
[54] **PRESSURE CONTROLLER FOR FIRE PROTECTION SYSTEM MAINTAINED UNDER VACUUM, AND RELATED METHOD**
[54] **REGULATEUR DE PRESSION DESTINE A UN SYSTEME DE PROTECTION INCENDIE MAINTENU SOUS VIDE, ET METHODE ASSOCIEE**
[72] ASSELIN, JEAN-PIERRE, CA
[72] COUPAL, SYLVAIN, CA
[72] LACHANCE, FREDERIC, CA
[72] ROGER, JONATHAN, CA
[71] SYSTEMES FIREFLEX INC., CA
[22] 2017-07-12
[41] 2018-08-01
[30] US (62/468,996) 2017-03-09

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[21] **2,974,923**
[13] A1
[51] **Int.Cl. B31D 5/04 (2017.01)**
[25] EN
[54] **MACHINE AND METHOD FOR FORMING CAPSULES WITH PLEATED CAPSULE BODY**
[54] **MACHINE ET METHODE DE FORMATION DE CAPSULES AU MOYEN D'UN CORPS DE CAPSULE PLISSE**
[72] RAPPARINI, GINO, IT
[71] ICA S.P.A., IT
[22] 2017-07-31
[41] 2018-08-02
[30] IT (102017000011624) 2017-02-02

---

[21] **2,983,871**
[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01)**
[25] EN
[54] **BOTTLE WITH OPEN LOOP HANDLE**
[54] **BOUTEILLE DOTEE D'UNE POIGNEE A BOUCLE OUVERTE**
[72] BURNS, CLAY ALLEN, US
[72] KAUSS, SARAH, US
[72] BEST, JAMES, US
[72] CIRCOSTA, MICHAEL, US
[71] CAN'T LIVE WITHOUT IT, LLC, US
[22] 2017-10-23
[41] 2018-07-31
[30] US (15/421,363) 2017-01-31

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[21] **2,984,012**
[13] A1
[51] **Int.Cl. E04F 13/075 (2006.01) E04B 1/70 (2006.01) E04C 2/24 (2006.01)**
[25] EN
[54] **CONSTRUCTION SHEATHING AND METHODS OF MAKING AND USING SAME**
[54] **PROTECTEUR DE CONSTRUCTION ET METHODES DE FABRICATION ASSOCIEES**
[72] GRANT, THEODORE ALAN, US
[72] CAWSON, MATTHEW RICHARD, US
[72] KREPLE, CHRISTOPHER JOHN, US
[72] BUTKUS, ROBERT, US
[72] DEVER, ROBERT MICHAEL, JR., US
[71] ATLAS ROOFING CORPORATION, US
[22] 2017-10-30
[41] 2018-08-03
[30] US (15/424,646) 2017-02-03

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[21] **2,984,682**
[13] A1
[51] **Int.Cl. B65D 71/40 (2006.01)**
[25] EN
[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET EBAUCHE ASSOCIEE**
[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[22] 2017-11-03
[41] 2018-08-03
[30] US (62/454,106) 2017-02-03

[21] 2,985,902
[13] A1
[51] **Int.Cl. B23Q 35/02 (2006.01) B23Q 16/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRECISELY DRILLING MATCHED HOLE PATTERNS USING SURFACE MAPPED FEATURES**
[54] **SYSTEME ET METHODE DE PERCAGE DE PRECISION DE MOTIFS DE TROUS CORRESPONDANTS AU MOYEN DE CARACTERISTIQUES INSCRITES SUR LA SURFACE**
[72] SZARSKI, MARTIN A., US
[72] FLETCHER, LUKE, US
[71] THE BOEING COMPANY, US
[22] 2017-11-16
[41] 2018-08-03
[30] US (15/423,806) 2017-02-03

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[21] 2,985,926
[13] A1
[51] **Int.Cl. B23P 19/06 (2006.01) B23P 19/04 (2006.01)**
[25] EN
[54] **FASTENER-INSTALLATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'INSTALLATION DE FIXATION**
[72] HELMICK, EERIK J., US
[72] WHITE, EDWARD L., US
[72] ANDERSON, JENNIFER ELIZABETH, US
[72] DIEHL, CLAIRE NOEL, US
[72] KOCHEVAR, JOSEPH NICHOLAS, US
[72] COSMAN, MAURA ELIZABETH, US
[72] UTSET-WARD, SOPHIA VICTORIA, US
[71] THE BOEING COMPANY, US
[22] 2017-11-16
[41] 2018-07-30
[30] US (15/418,967) 2017-01-30

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[21] 2,988,948
[13] A1
[51] **Int.Cl. H02B 1/28 (2006.01) H02B 1/38 (2006.01) H02B 7/08 (2006.01)**
[25] EN
[54] **SPLIT DOOR SUBMERSIBLE NETWORK PROTECTOR HOUSINGS FOR ELECTRICAL DISTRIBUTION SYSTEMS**
[54] **LOGEMENTS DE PROTECTION DE RESEAU SUBMERSIBLE A PORTE EN DEUX PARTIES DESTINES A DES SYSTEMES DE DISTRIBUTION ELECTRIQUE**
[72] BIER, BRUCE, US
[71] RICHARDS MANUFACTURING COMPANY, A NEW JERSEY LIMITED PARTNERSHIP, US
[22] 2017-12-13
[41] 2018-07-31
[30] US (62/452,752) 2017-01-31
[30] US (62/462,710) 2017-02-23
[30] US (15/813,797) 2017-11-15

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[21] 2,989,647
[13] A1
[51] **Int.Cl. F28F 27/02 (2006.01) B64D 33/08 (2006.01) B64D 37/34 (2006.01) F01D 25/10 (2006.01) F02C 7/14 (2006.01) F02C 7/224 (2006.01) F16N 39/02 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER SYSTEM FOR AIRCRAFT AND ASSOCIATED METHOD OF OPERATION**
[54] **SYSTEME D'ECHANGEUR DE CHALEUR DESTINE A UN AERONEF ET METHODE D'EXPLOITATION ASSOCIEE**
[72] LOGAN, JOHN, CA
[72] ADIQUE, MARC JORDAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-12-19
[41] 2018-07-31
[30] US (15/420,148) 2017-01-31

---

[21] 2,989,867
[13] A1
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL FASTENER DEVICES WITH GEOMETRIC TUBES**
[54] **DISPOSITIFS D'AGRAFAGE CHIRURGICAL COMPORTANT DES TUBES GEOMETRIQUES**
[72] FISCHVOGT, GREGORY, US
[72] SNIFFIN, KEVIN, US
[72] BEAULIEU, KEVIN, US
[72] LAIRD, BRIAN, US
[71] COVIDIEN LP, US
[22] 2017-12-21
[41] 2018-07-31
[30] US (62/452,398) 2017-01-31
[30] US (15/838,669) 2017-12-12

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[21] 2,990,386
[13] A1
[51] **Int.Cl. B23K 9/29 (2006.01) B23K 9/26 (2006.01)**
[25] EN
[54] **TIP-RETENTION DEVICE FOR USE WITH A WELDING SYSTEM**
[54] **DISPOSITIF DE RETENTION D'EMBOUT DESTINE A UN SYSTEME DE SOUDAGE**
[72] JANSMA, JEREMY L., US
[72] CENTNER, ROBERT J., US
[72] WELLS, JEFFREY G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-12-28
[41] 2018-07-31
[30] US (62/452,726) 2017-01-31
[30] US (15/828,041) 2017-11-30

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[21] 2,990,393
[13] A1
[51] **Int.Cl. B23K 37/00 (2006.01) B23K 9/32 (2006.01) B23K 31/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DETERMINE WORKPIECE CHARACTERISTICS**
[54] **SYSTEMES ET METHODES SERVANT A DETERMINER LES CARACTERISTIQUES D'UNE PIECE DE TRAVAIL**
[72] MCWITHEY, KEVIN, US
[72] VERHAGEN, PAUL, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-12-28
[41] 2018-07-31
[30] US (15/420,782) 2017-01-31

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[21] **2,990,615**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CALIBRATION OF BIOLOGICAL FLUX**
[54] **METHODE ET DISPOSITIF D'ETALONNAGE DE FLUX BIOLOGIQUE**
[72] NEILSON, ANDREW C., US
[71] AGILENT TECHNOLOGIES, INC., US
[22] 2018-01-03
[41] 2018-07-31
[30] US (15/421,173) 2017-01-31

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[21] **2,991,203**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER HAVING FLEXIBLE HINGE WITH CUT-RESISTANT BARRIER**
[54] **COUVRE-TONNEAU COMPORTANT UNE CHARNIERE FLEXIBLE DOTE D'UNE BARRIERE RESISTANTE A LA COUPURE**
[72] HICKEY, MARK A., US
[72] FACCHINELLO, JEROME J., US
[72] KOENGETER, JOSEPH J., US
[71] EXTANG CORPORATION, US
[22] 2018-01-08
[41] 2018-08-03
[30] US (15/423,846) 2017-02-03

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[21] **2,991,332**
[13] A1
[51] **Int.Cl. B60D 5/00 (2006.01) B62D 27/04 (2006.01) B62D 31/02 (2006.01)**
[25] EN
[54] **MIDDLE HOOP SYSTEM FOR A MULTI-UNIT VEHICLE**
[54] **SYSTEME DE BOUCLE CENTRALE DESTINE A UN VEHICULE MULTI MODULE**
[72] BROWNE, DENIS, DE
[71] ATG AUTOTECHNIK GMBH, DE
[22] 2018-01-09
[41] 2018-07-30
[30] EP (17153666.7) 2017-01-30

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[21] **2,991,604**
[13] A1
[51] **Int.Cl. G01F 23/18 (2006.01) B60K 15/03 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING VOLUME OF FLUID IN A TANK**
[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER LE VOLUME DE FLUIDE DANS UN RESERVOIR**
[72] STEVENSON, DAVID L., US
[72] BONES, SARAH, US
[71] SI TECHNOLOGIES, INC., US
[22] 2018-01-10
[41] 2018-07-31
[30] US (15/421,432) 2017-01-31

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[21] **2,991,710**
[13] A1
[51] **Int.Cl. B23K 9/29 (2006.01) B23K 9/26 (2006.01)**
[25] EN
[54] **TIP-RETENTION DEVICE FOR USE WITH A WELDING SYSTEM**
[54] **DISPOSITIF DE RETENTION D'EMBOUT DESTINE A UN SYSTEME DE SOUDAGE**
[72] JANSMA, JEREMY L., US
[72] CENTNER, ROBERT J., US
[72] WELLS, JEFFREY G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-01-12
[41] 2018-07-31
[30] US (62/452,735) 2017-01-31
[30] US (15/826,340) 2017-11-29

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[21] **2,991,714**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR A MULTI-MODE WELDING-TYPE POWER SUPPLY**
[54] **METHODES ET APPAREILS DESTINES A UNE ALIMENTATION DE TYPE SOUDURE MULTIMODE**
[72] IHDE, JEFFREY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-01-12
[41] 2018-08-02
[30] US (15/423,192) 2017-02-02

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[21] **2,991,833**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01) H04W 28/08 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **MOBILE WIRELESS DEVICE MANAGED ACCESS SYSTEM PROVIDING ENHANCED AUTHENTICATION FEATURES AND RELATED METHODS**
[54] **SYSTEME D'ACCES GERE PAR UN APPAREIL SANS FIL MOBILE FOURNISSANT DES FONCTIONNALITES D'AUTHENTIFICATION AMELIOREES ET METHODES ASSOCIEES**
[72] GALLAGHER, SHAWN H., US
[72] SALYERS, ERIC J., US
[72] COLLINS, MATTHEW D., US
[71] HARRIS CORPORATION, US
[22] 2018-01-12
[41] 2018-07-31
[30] US (15/420,167) 2017-01-31

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[21] **2,991,837**
[13] A1
[51] **Int.Cl. H02J 3/40 (2006.01) B64F 5/10 (2017.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SYNCHRONIZING GENERATORS**
[54] **METHODE ET SYSTEME DE SYNCHRONISATION DE GENERATEURS**
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-12
[41] 2018-07-30
[30] US (15/418,856) 2017-01-30

[21] **2,991,839**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE ARCHITECTURE WITH SPLIT COMPRESSOR SYSTEM**
[54] **ARCHITECTURE DE TURBINE A GAZ DOTEE D'UN SYSTEME DE COMPRESSEUR DOUBLE**
[72] PLANTE, GHISLAIN, CA
[72] VALOIS, PATRICK, CA
[72] DUBREUIL, JEAN, CA
[72] BLAIS, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-12
[41] 2018-07-30
[30] US (15/419,160) 2017-01-30

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[21] **2,991,989**
[13] A1
[51] **Int.Cl. B65B 1/10 (2006.01) B65B 1/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TRANSPORTING BAGS**
[54] **DISPOSITIF ET METHODE DE TRANSPORT DE SACS**
[72] GALLAUN, HEIMO, AT
[72] WAGNER, MARKUS, AT
[71] STATEC BINDER GMBH, AT
[22] 2018-01-15
[41] 2018-08-01
[30] EP (17154247.5) 2017-02-01

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[21] **2,992,218**
[13] A1
[51] **Int.Cl. B60T 17/22 (2006.01) F16D 65/12 (2006.01)**
[25] EN
[54] **DISC BRAKE TONE RING**
[54] **CIBLE DE FREIN A DISQUE**
[72] EDWARDS, WILLIAM JOSEPH, US
[72] STRATTON, ANDREW JAMES, US
[72] TORSTVEIT, SVEN ARTHUR, US
[71] CONSOLIDATED METCO, INC., US
[22] 2018-01-18
[41] 2018-08-01
[30] US (15/422,045) 2017-02-01

---

[21] **2,992,632**
[13] A1
[51] **Int.Cl. H04L 27/01 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **ADAPTIVE EQUALISATION**
[54] **EGALISATION ADAPTATIVE**
[72] EADALA, SUMANTH, GB
[72] THURSBY, JONATHAN, GB
[71] E.V. OFFSHORE LIMITED, GB
[22] 2018-01-23
[41] 2018-08-02
[30] GB (1701713.8) 2017-02-02

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[21] **2,992,748**
[13] A1
[51] **Int.Cl. B05B 17/08 (2006.01) E02B 1/00 (2006.01)**
[25] EN
[54] **WATERFALL SYSTEM**
[54] **SYSTEME DE CHUTE D'EAU**
[72] FOCACCIA, RENZO, CA
[71] FOCACCIA, RENZO, CA
[22] 2018-01-24
[41] 2018-08-02
[30] US (15/423,218) 2017-02-02

---

[21] **2,992,767**
[13] A1
[51] **Int.Cl. A61K 9/24 (2006.01) A61K 9/00 (2006.01) A61K 31/4458 (2006.01)**
[25] EN
[54] **DOSE-DUMPING RESISTANT CONTROLLED RELEASE DOSAGE FORM**
[54] **FORME DE DOSAGE A LIBERATION CONTROLEE RESISTANT A LA LIBERATION MASSIVE**
[72] BENEDETTI, HERNAN D., AR
[72] FRANCO, CRISTIAN R., AR
[72] BIGATTI, GUIDO S., ES
[72] FAOUR, JOAQUINA, AR
[72] PASTINI, ANA C., AR
[71] OSMOTICA KERESKEDELMI ES SZOLGALTATO KFT, HU
[22] 2018-01-23
[41] 2018-08-03
[30] US (62/454,269) 2017-02-03
[30] US (61/456,481) 2017-02-08

---

[21] **2,992,775**
[13] A1
[51] **Int.Cl. B61K 9/12 (2006.01)**
[25] EN
[54] **RAILWAY WHEELS MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DES ROUES SUR LES RAILS**
[72] DA SILVA GOMES, ANA CLAUDIA, BR
[72] BOTELHO DE SOUZA, CLEIDSON RONALD, BR
[72] SALAZAR GARIBAY, ADAN, MX
[72] HERNANDEZ GUTIERREZ, ANDRES, MX
[71] VALE S.A., BR
[22] 2018-01-24
[41] 2018-08-02
[30] BR (BR 102017002219-6) 2017-02-02

---

[21] **2,992,867**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01) G01D 18/00 (2006.01)**
[25] EN
[54] **MODULAR APPARATUS FOR TESTING GAS METERS**
[54] **APPAREIL MODULAIRE DE TEST DE COMPTEURS DE GAZ**
[72] ARTIUCH, ROMAN LEON, US
[72] MARTIN, JEFF THOMAS, US
[71] DRESSER, INC., US
[22] 2018-01-25
[41] 2018-08-03
[30] US (15/423,650) 2017-02-03

---

[21] **2,992,872**
[13] A1
[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/24 (2006.01)**
[25] EN
[54] **PIN-DROP HITCH MOUNT ASSEMBLY WITH BIASED PIN RETAINER MECHANISM**
[54] **DISPOSITIF D'INSTALLATION D'ATTELAGE A TIGE TOMBANTE DOTE D'UN MECANISME DE RETENUE DE TIGE INCLINE**
[72] FAUST, JEREMY J., US
[72] PARSONS, STEPHEN K., US
[72] STEPHENSON, ROGER D., US
[71] DEERE & COMPANY, US
[22] 2018-01-25
[41] 2018-07-31
[30] US (62/452,505) 2017-01-31
[30] US (15/840,023) 2017-12-13

[21] **2,992,880**
[13] A1
[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/431 (2011.01) H04N 21/472 (2011.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **MENU MODIFICATION BASED ON CONTROLLER MANIPULATION DATA**
[54] **MODIFICATION DE MENU FONDEE SUR LES DONNEES DE MANIPULATION DE CONTROLEUR**
[72] STREIT, PAUL, US
[72] STOKSIK, MARC, US
[71] OPENTV, INC., US
[22] 2018-01-25
[41] 2018-08-01
[30] US (15/422,221) 2017-02-01

---

[21] **2,992,908**
[13] A1
[51] **Int.Cl. E04H 17/00 (2006.01) E04H 17/02 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **FENCING ASSEMBLY SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DESTINES A UN DISPOSITIF DE CLOTURE**
[72] MAYER, FREDERIC C., JR., US
[71] ALABAMA METAL INDUSTRIES CORPORATION, US
[22] 2018-01-24
[41] 2018-08-02
[30] US (62/453,972) 2017-02-02
[30] US (15/876,325) 2018-01-22

---

[21] **2,992,910**
[13] A1
[51] **Int.Cl. B60D 1/24 (2006.01) B60D 1/01 (2006.01) B60D 1/48 (2006.01)**
[25] EN
[54] **PIN-DROP HITCH MOUNT ASSEMBLY WITH BIASED PIN RETAINER MECHANISM**
[54] **DISPOSITIF D'INSTALLATION D'ATTELAGE A TIGE TOMBANTE DOTE D'UN MECANISME DE RETENUE DE TIGE INCLINE**
[72] FAUST, JEREMY J., US
[72] PARSONS, STEPHEN K., US
[72] STEPHENSON, ROGER D., US
[71] DEERE & COMPANY, US
[22] 2018-01-25
[41] 2018-07-31
[30] US (62/452,505) 2017-01-31
[30] US (15/840,292) 2017-12-13

---

[21] **2,992,911**
[13] A1
[51] **Int.Cl. F21K 9/272 (2016.01) F21K 9/27 (2016.01) F21K 9/65 (2016.01)**
[25] EN
[54] **LED RETROFIT LIGHTING APPARATUS FOR A LIGHT FIXTURE**
[54] **DISPOSITIF D'ECLAIRAGE ADAPTATEUR DEL DESTINE A UN APPAREIL D'ECLAIRAGE**
[72] BUGENSKE, MATTHEW ALAN, US
[72] KICKEL, WILLIAM GEORGE, US
[72] GERMAIN, STEVE, CA
[72] WAN FONG, DAVID, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2018-01-25
[41] 2018-08-01
[30] US (15/421,678) 2017-02-01

---

[21] **2,992,913**
[13] A1
[51] **Int.Cl. B60D 1/24 (2006.01) B60D 1/01 (2006.01)**
[25] EN
[54] **PIN-DROP HITCH MOUNT ASSEMBLY WITH BIASED PIN RETAINER MECHANISM**
[54] **DISPOSITIF D'INSTALLATION D'ATTELAGE A TIGE TOMBANTE DOTE D'UN MECANISME DE RETENUE DE TIGE INCLINE**
[72] FAUST, JEREMY J., US
[72] PARSONS, STEPHEN K., US
[72] STEPHENSON, ROGER D., US
[71] DEERE & COMPANY, US
[22] 2018-01-25
[41] 2018-07-31
[30] US (62/452,505) 2017-01-31
[30] US (15/840,342) 2017-12-13

---

[21] **2,992,916**
[13] A1
[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/24 (2006.01)**
[25] EN
[54] **PIN-DROP HITCH MOUNT ASSEMBLY WITH ALIGNMENT FEATURES FOR ALIGNING DRAWBAR AND DRAWBAR RECEIVER**
[54] **DISPOSITIF D'INSTALLATION D'ATTELAGE A TIGE TOMBANTE COMPORTANT DES FONCTIONNALITES D'ALIGNEMENT D'UNE BARRE D'ATTELAGE ET D'UN RECEPTEUR DE BARRE D'ATTELAGE**
[72] FAUST, JEREMY J., US
[72] PARSONS, STEPHEN K., US
[72] STEPHENSON, ROGER D., US
[71] DEERE & COMPANY, US
[22] 2018-01-25
[41] 2018-07-31
[30] US (62/452,505) 2017-01-31
[30] US (15/840,394) 2017-12-13

---

[21] **2,992,929**
[13] A1
[51] **Int.Cl. F16B 21/02 (2006.01) F16L 19/06 (2006.01) F16L 37/10 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **ANTI-VIBRATION LOCKING CONNECTOR**
[54] **CONNECTEUR DE BLOCAGE ANTIVIBRATION**
[72] NGUYEN, LE HUU, US
[71] ITT MANUFACTURING ENTERPRISES, LLC, US
[22] 2018-01-25
[41] 2018-08-03
[30] US (15/424003) 2017-02-03

Canadian Applications Open to Public Inspection
July 29, 2018 to August 4, 2018

[21] **2,993,047**
[13] A1
[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/06 (2006.01) A45F 5/02 (2006.01)**
[25] EN
[54] **KNEEPAD WITH IMPLEMENT HOLDER**
[54] **GENOUILLERE DOTEE D'UN SUPPORT D'ACCESSOIRE**
[72] MILLER, BRADLEY SCOTT, US
[72] ORTEGA, CHRISTOPHER THOMAS, US
[71] Q.E.P. CO., INC., US
[22] 2018-01-26
[41] 2018-07-30
[30] US (15/419,782) 2017-01-30

---

[21] **2,993,061**
[13] A1
[51] **Int.Cl. E01C 19/05 (2006.01) B03B 5/68 (2006.01) B07B 1/00 (2006.01) B07B 1/06 (2006.01) B07B 13/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WASHING AND GRADING AGGREGATE**
[54] **METHODE ET APPAREIL DE LESSIVAGE ET CLASSEMENT D'AGREGATS**
[72] CONVERY, ANTHONY, GB
[71] CDE GLOBAL LIMITED, GB
[22] 2018-01-25
[41] 2018-08-01
[30] GB (1701668.4) 2017-02-01

---

[21] **2,993,067**
[13] A1
[51] **Int.Cl. A01K 63/00 (2017.01)**
[25] EN
[54] **AQUARIUM WITH CREATURE FEATURE**
[54] **AQUARIUM EQUIPE D'UNE OPTION DE CREATURE**
[72] WATSON, JEFFREY STOCKER, US
[71] PETSMART HOME OFFICE, INC., US
[22] 2018-01-25
[41] 2018-08-01
[30] US (62/453,320) 2017-02-01

---

[21] **2,993,081**
[13] A1
[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01)**
[25] EN
[54] **PROTECTIVE KNEEPAD WITH MEMORY INTERIOR**
[54] **GENOUILLERE DE PROTECTION A GARNITURE INTERIEURE A MEMOIRE**
[72] MILLER, BRADLEY SCOTT, US
[71] Q.E.P. CO., INC., US
[22] 2018-01-26
[41] 2018-07-31
[30] US (15/420,609) 2017-01-31

---

[21] **2,993,205**
[13] A1
[51] **Int.Cl. H01H 33/73 (2006.01) H01H 71/02 (2006.01)**
[25] EN
[54] **ELECTRICAL SERVICE SWITCHING DEVICE HAVING AN EXHAUST AIR OPENING**
[54] **DISPOSITIF DE COMMUTATEUR DE SERVICE ELECTRIQUE COMPORTANT UNE OUVERTURE D'AIR D'EVACUATION**
[72] WEBER, RALF, DE
[72] MUDERS, ERWIN, DE
[72] EPPE, KLAUS-PETER, DE
[71] ABB SCHWEIZ AG, CH
[22] 2018-01-29
[41] 2018-07-30
[30] DE (10 2017 101 723.2) 2017-01-30

---

[21] **2,993,206**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 17/02 (2006.01) E21B 21/10 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DRILL PIPE FILL-UP TOOL SYSTEMS AND METHODS**
[54] **SYSTEMES D'OUTIL DE REMPLISSAGE DE TUYAU DE FORAGE ET METHODES**
[72] LE ROUX, HENDRIK SCHALK, US
[72] SCRANTZ, RONALD JAMES, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-01-29
[41] 2018-07-30
[30] US (62/452,251) 2017-01-30
[30] US (15/879,229) 2018-01-24

---

[21] **2,993,211**
[13] A1
[51] **Int.Cl. H01H 71/74 (2006.01) H01H 33/73 (2006.01) H01H 73/18 (2006.01)**
[25] EN
[54] **INSTALLATION SWITCHING APPARATUS HAVING AN EXHAUST AIR DUCT AND A SET SCREW**
[54] **APPAREIL DE COMMUTATION D'INSTALLATION COMPORTANT UN CONDUIT D'AIR D'EVACUATION ET UNE VIS DE FIXATION**
[72] MUDERS, ERWIN, DE
[71] ABB SCHWEIZ AG, CH
[22] 2018-01-29
[41] 2018-07-30
[30] DE (10 2017 101 728.3) 2017-01-30

---

[21] **2,993,216**
[13] A1
[51] **Int.Cl. B22D 29/00 (2006.01) B22C 9/10 (2006.01)**
[25] EN
[54] **CASTING APPARATUS AND CASTING METHOD**
[54] **APPAREIL DE COULAGE ET METHODE DE COULAGE**
[72] TOMITA, TAKASHI, JP
[72] NAKAHASHI, TADASHI, JP
[72] KIKUCHI, MAKOTO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-26
[41] 2018-07-31
[30] JP (2017-015631) 2017-01-31

---

[21] **2,993,223**
[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/12 (2006.01)**
[25] EN
[54] **ADJUSTABLE SEGMENTAL DISTALIZATION APPLIANCE FOR ORTHODONTIC TREATMENTS**
[54] **APPAREIL D'ECARTEMENT DISTAL SEGMENTAIRE AJUSTABLE DESTINE AUX TRAITEMENTS ORTHODONTIQUES**
[72] WARD, ROBERT, CA
[71] WARD, ROBERT, CA
[22] 2018-01-29
[41] 2018-07-30
[30] US (62452010) 2017-01-30

[21] **2,993,360**
[13] A1
[51] **Int.Cl. B65D 5/08 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **TIE-LOCK SHIPPER**
[54] **CONTENANT D'EXPEDITION A ATTACHE DE BLOCAGE**
[72] SMITH, JEFFREY, US
[71] INTERNATIONAL PAPER COMPANY, US
[22] 2018-01-30
[41] 2018-07-31
[30] US (15/420,623) 2017-01-31

---

[21] **2,993,364**
[13] A1
[51] **Int.Cl. F16H 3/12 (2006.01) B62M 11/00 (2006.01) F16H 3/08 (2006.01) F16H 61/00 (2006.01) F16H 63/14 (2006.01)**
[25] EN
[54] **CONSTANT-MESH TYPE TRANSMISSION FOR STRADDLED VEHICLE WITH RATCHET MECHANISM**
[54] **TRANSMISSION DE TYPE MAILLE CONSTANTE DESTINEE A DES VEHICULES EN CHEVAUCHEMENT DOTEE D'UN MECANISME DE ROCHET**
[72] SAITOH, TETSUSHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2018-01-29
[41] 2018-07-30
[30] JP (2017-014125) 2017-01-30

---

[21] **2,993,366**
[13] A1
[51] **Int.Cl. A23L 5/10 (2016.01) A21B 1/36 (2006.01) A21B 1/40 (2006.01) A21B 1/42 (2006.01) A23L 13/00 (2016.01)**
[25] EN
[54] **COMMERCIAL SCALE SOUS-VIDE SYSTEM AND METHOD**
[54] **SYSTEME SOUS VIDE A ECHELLE COMMERCIALE ET METHODE**
[72] MOREY, OWEN EUGENE, US
[72] GUNAWARDENA, RAMESH M., US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[22] 2018-01-29
[41] 2018-07-30
[30] US (62/452,230) 2017-01-30

---

[21] **2,993,368**
[13] A1
[51] **Int.Cl. F16L 47/04 (2006.01) F16L 21/02 (2006.01) F16L 47/00 (2006.01)**
[25] EN
[54] **PIPE COUPLER AND COUPLING METHODS**
[54] **RACCORD DE TUYAU ET METHODES DE RACCORDEMENT**
[72] PETERS, NICHOLAS BRYANT, US
[72] SIXSMITH, THOMAS G., US
[71] GEORG FISCHER HARVEL LLC, US
[22] 2018-01-29
[41] 2018-07-30
[30] US (62/452,011) 2017-01-30

---

[21] **2,993,369**
[13] A1
[51] **Int.Cl. H04L 12/701 (2013.01) H04L 12/751 (2013.01) H04L 12/803 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRAFFIC STEERING AND ANALYSIS**
[54] **SYSTEME ET METHODE D'ORIENTATION DU TRAFIC ET ANALYSE**
[72] LAROSE, KYLE MATHIEU, CA
[72] MARCHETTI, MICHAEL FRANK, CA
[72] CRUGNALE, THOMAS JAMES, CA
[72] DOLSON, DAVID CAMERON, CA
[72] BIENIEK, MICHAEL PETER, CA
[71] SANDVINE INCORPORATED ULC, CA
[22] 2018-01-30
[41] 2018-07-30
[30] US (62/451,986) 2017-01-30

---

[21] **2,993,370**
[13] A1
[51] **Int.Cl. F24C 13/00 (2006.01) F24B 1/26 (2006.01) F24B 9/02 (2006.01) F24C 15/18 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE BARREL EVAPORATOR AND METHODS OF MAKING THE SAME**
[54] **EVAPORATEUR A BARIL MULTIUSAGE ET METHODE DE FABRICATION ASSOCIEE**
[72] MCCABE, JUSTIN, US
[71] VERMONT EVAPORATOR COMPANY, LLC, US
[22] 2018-01-30
[41] 2018-07-30
[30] US (62/452278) 2017-01-30

---

[21] **2,993,372**
[13] A1
[51] **Int.Cl. F41A 9/83 (2006.01)**
[25] EN
[54] **AMMUNITIONS MAGAZINE LOADER**
[54] **CHARGEUR DE MAGASIN DE MUNITIONS**
[72] LAMARCHE, FRANCOIS, CA
[71] COMBAT READY INC., CA
[22] 2018-01-30
[41] 2018-07-30
[30] US (62/451,919) 2017-01-30
[30] US (15/883,236) 2018-01-30

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[21] **2,993,376**
[13] A1
[51] **Int.Cl. F16H 3/12 (2006.01) B62M 11/00 (2006.01) F16H 3/08 (2006.01) F16H 61/00 (2006.01) F16H 63/14 (2006.01)**
[25] EN
[54] **CONSTANT MESH TYPE TRANSMISSION FOR STRADDLED VEHICLE WITH RATCHET MECHANISM**
[54] **TRANSMISSION DE TYPE MAILLE CONSTANTE DESTINEE A DES VEHICULES EN CHEVAUCHEMENT DOTEE D'UN MECANISME DE ROCHET**
[72] SAITOH, TETSUSHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2018-01-29
[41] 2018-07-30
[30] JP (2017-014124) 2017-01-30

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[21] **2,993,379**
[13] A1
[51] **Int.Cl. B60R 11/04 (2006.01) B60R 1/00 (2006.01)**
[25] EN
[54] **VEHICULAR OPTICAL SYSTEM**
[54] **SYSTEME OPTIQUE VEHICULAIRE**
[72] MAETA, DAISUKE, JP
[72] ADACHI, TAKAHIRO, JP
[72] MORI, TAKEKI, JP
[72] CHIDA, KAZUMI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-30
[41] 2018-07-30
[30] JP (2017-014492) 2017-01-30

[21] **2,993,389**
[13] A1
[51] **Int.Cl. B65G 41/00 (2006.01) B65G 47/52 (2006.01)**
[25] EN
[54] **PARALLEL LIFT TURRET MOUNT**
[54] **INSTALLATION DE TOURELLE DE LEVAGE PARALLELE**
[72] KOPPELAAR, GREG, CA
[72] KOPPELAAR, KEVIN, CA
[72] DOROMBOZI, RON, CA
[72] VANDERKOLK, JOHN, CA
[72] GALL, GREGORY D, CA
[71] BAY-LYNX MANUFACTURING INC., CA
[22] 2018-01-30
[41] 2018-07-31
[30] US (62/452,544) 2017-01-31

---

[21] **2,993,398**
[13] A1
[51] **Int.Cl. E05B 55/00 (2006.01) E05B 3/00 (2006.01) E05B 13/00 (2006.01)**
[25] EN
[54] **TOOL FOR USE WITH ADJUSTABLE BACKSET LATCH**
[54] **OUTIL DESTINE A UN VERROU DE PANIER AJUSTABLE**
[72] MIDDELAER, WILLIAM S, US
[72] HILL, CHRISTOPHER, US
[72] ZIMMER, TODD, US
[72] FOURNIER, BRIAN R, US
[72] VOELKER, CHRISTINE E, US
[71] YALE SECURITY INC., US
[22] 2018-01-30
[41] 2018-08-01
[30] US (62/453,253) 2017-02-01
[30] US (15/881,047) 2018-01-26

---

[21] **2,993,405**
[13] A1
[51] **Int.Cl. A01K 91/053 (2006.01) A01K 91/06 (2006.01)**
[25] EN
[54] **MESH SCREEN MAXIMIZING PRODUCTION IN MYTILIDAE CULTIVATION**
[54] **OPTIMISATION DE PRODUCTION DE GRILLE A MAILLES DANS LA CULTURE DE MOULES**
[72] SOBENES VENNEKOOL, CATTERINA DEL PILAR, CL
[72] DIAZ PERALTA, CHRISTIAN JAVIER, CL
[72] PEDREROS SILVA, JOSE PATRICIO, CL
[71] UNIVERSIDAD CATOLICA DE LA SANTISIMA CONCEPCION, CL
[22] 2018-01-29
[41] 2018-07-30
[30] CL (201700245) 2017-01-30

---

[21] **2,993,549**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/22 (2006.01)**
[25] FR
[54] **PRODUCTION PROCESS FOR A HYDROCARBON DEPOSIT BY INJECTING A GAS IN THE FORM OF A FOAM**
[54] **PROCEDE D'EXPLOITATION D'UN GISEMENT D'HYDROCARBURES PAR INJECTION D'UN GAZ SOUS FORME DE MOUSSE**
[72] GASSARA, OMAR, FR
[72] DOUARCHE, FREDERIC, FR
[72] BRACONNIER, BENJAMIN, FR
[72] BOURBIAUX, BERNARD, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2018-01-30
[41] 2018-08-03
[30] FR (17 50 940) 2017-02-03

---

[21] **2,993,553**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01) B63C 9/08 (2006.01)**
[25] EN
[54] **AIRCRAFT FLIE VEST STOWAGE POUCH**
[54] **POCHETTE DE RANGEMENT DE VESTE DE SAUVETAGE DESTINEE A UN AERONEF**
[72] WICKHAM, ARNOLD J., US
[71] B/E AEROSPACE, INC., US
[22] 2018-01-31
[41] 2018-07-31
[30] US (62/452421) 2017-01-31

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[21] **2,993,556**
[13] A1
[51] **Int.Cl. A01B 63/10 (2006.01)**
[25] EN
[54] **AGRICULTURAL MACHINE**
[54] **MACHINE AGRICOLE**
[72] UBALDI, RAFFAELE, IT
[71] ROC S.R.L., IT
[22] 2018-01-31
[41] 2018-08-01
[30] IT (102017000010720) 2017-02-01

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[21] **2,993,558**
[13] A1
[51] **Int.Cl. F24F 7/04 (2006.01) F24F 13/02 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **ADAPTIVE EXHAUST VENT**
[54] **EVENT D'ECHAPPEMENT ADAPTATIF**
[72] WHITEHEAD, JAMES H., US
[71] IPS CORPORATION, US
[22] 2018-01-31
[41] 2018-08-01
[30] US (15/421727) 2017-02-01

[21] **2,993,568**
[13] A1
[51] **Int.Cl. F04D 29/10 (2006.01) E21B 41/00 (2006.01) F04D 13/10 (2006.01) F04D 29/046 (2006.01) H02K 5/10 (2006.01)**
[25] EN
[54] **MOTOR PROTECTOR OF AN ELECTRIC SUBMERSIBLE PUMP AND AN ASSOCIATED METHOD THEREOF**
[54] **PROTECTEUR DE MOTEUR D'UNE POMPE SUBMERSIBLE ELECTRIQUE ET METHODE ASSOCIEE**
[72] BITTENCOURT, JOSE LUIZ, US
[72] NEMOTO, RAFAEL HORSCHUTZ, US
[72] BAIELI, LUIS FRANCISCO, US
[72] MORITZ, HENRIQUE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-01-31
[41] 2018-08-01
[30] US (15/421,843) 2017-02-01

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[21] **2,993,571**
[13] A1
[51] **Int.Cl. E21B 47/007 (2012.01) E21B 17/042 (2006.01) E21B 19/16 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **AUTONOMOUS CONNECTION EVALUATION AND SHOULDER DETECTION FOR TUBULAR MAKEUP**
[54] **EVALUATION DE CONNEXION AUTONOME ET DETECTION D'EPAULEMENT DE CONSTRUCTION TUBULAIRE**
[72] RUEHMANN, RAINER, DE
[72] SACHTLEBEN, BENJAMIN, DE
[72] GEISSLER, DAVID, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-01-30
[41] 2018-08-03
[30] US (62/454,513) 2017-02-03
[30] US (15/445,361) 2017-02-28

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[21] **2,993,573**
[13] A1
[51] **Int.Cl. F16L 21/08 (2006.01) F16L 13/00 (2006.01) F16L 37/088 (2006.01) F16L 47/12 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR CONDUIT SQUEEZE RETAINER**
[54] **SYSTEME ET APPAREIL DE RETENTION DE CONDUIT PAR SERRAGE**
[72] CLAPPER, JOSHUA E., US
[72] YASHIN, DMITRY, US
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2018-01-31
[41] 2018-08-02
[30] US (62/453,901) 2017-02-02
[30] US (62/459,040) 2017-02-14
[30] US (62/560,045) 2017-09-18
[30] US (15/882,696) 2018-01-29
[30] US (15/882,726) 2018-01-29

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[21] **2,993,575**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B60W 10/04 (2006.01) B60W 10/20 (2006.01) B60W 30/00 (2006.01)**
[25] EN
[54] **ACTIVE DRIVING MAP FOR SELF-DRIVING ROAD VEHICLE**
[54] **CARTES ROUTIERES ACTIVES DESTINEES A UN VEHICULE ROUTIER AUTONOME**
[72] POLLOCK, RICHARD, CA
[72] BETKE, BRENDAN, AU
[71] POLLOCK, RICHARD, CA
[71] BETKE, BRENDAN, AU
[22] 2018-01-31
[41] 2018-08-03
[30] US (62/454,379) 2017-02-03

---

[21] **2,993,673**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/24 (2006.01) A61B 17/3205 (2006.01)**
[25] EN
[54] **SURGICAL CUTTING INSTRUMENT WITH EXTENDED BLADES**
[54] **INSTRUMENT CHIRURGICAL DE COUPE DOTE DE LAMES PROLONGEES**
[72] ALGAWI, YEHUDA, IL
[72] GOVARI, ASSAF, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-01
[41] 2018-08-02
[30] US (15/423,214) 2017-02-02

---

[21] **2,993,691**
[13] A1
[51] **Int.Cl. A61L 24/06 (2006.01)**
[25] FR
[54] **ADHESIVE COMPOSITION AND FIXATION ELEMENT FOR HUMAN SKIN**
[54] **COMPOSITION ADHESIVE ET ELEMENT DE FIXATION SUR LA PEAU HUMAINE**
[72] BURLOT, DELPHINE, FR
[72] LASSALLE, PAUL, FR
[72] LALET, LAURENT, FR
[71] B. BRAUN MEDICAL, FR
[22] 2018-01-31
[41] 2018-08-03
[30] FR (17/50958) 2017-02-03

---

[21] **2,993,701**
[13] A1
[51] **Int.Cl. A61L 2/20 (2006.01) A61B 90/70 (2016.01) A61L 2/26 (2006.01) A61B 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER**
[54] **APPAREILLAGE ET METHODE DE DETECTION D'HUMIDITE DANS UNE CHAMBRE A VIDE**
[72] TRUONG, DOUG VO, US
[72] MORRISON, TODD, US
[71] ETHICON, INC., US
[22] 2018-02-01
[41] 2018-08-02
[30] US (15/423,387) 2017-02-02

[21] **2,993,702**
[13] A1
[51] **Int.Cl. H02B 1/56 (2006.01)**
[25] EN
[54] **GRILL FOR FACILITATING AIR FLOW**
[54] **GRILLE FACILITANT LA CIRCULATION DE L'AIR**
[72] BRIDGES, CHRISTOPHER HARRIS, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-01
[41] 2018-08-02
[30] US (62/453587) 2017-02-02

---

[21] **2,993,704**
[13] A1
[51] **Int.Cl. G10L 15/00 (2013.01) H04M 3/56 (2006.01)**
[25] EN
[54] **VOICE COMMAND PROCESSING FOR CONFERENCING**
[54] **TRAITEMENT DE COMMANDE VOCALE DESTINE A LA TENUE D'UNE CONFERENCE**
[72] CARINO, ERIC N., US
[71] SHORETEL, INC., US
[22] 2018-02-01
[41] 2018-08-02
[30] US (15/423028) 2017-02-02

---

[21] **2,993,706**
[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **PROTECTIVE INTERFACES FOR FIREFIGHTER GARMENTS**
[54] **INTERFACES DE PROTECTION DESTINEES A DES VETEMENTS DE POMPIER**
[72] BARBEAU, CLAUDE, CA
[71] INNOTEX INC., CA
[22] 2018-02-01
[41] 2018-08-02
[30] US (62/453,771) 2017-02-02

---

[21] **2,993,708**
[13] A1
[51] **Int.Cl. H04N 21/262 (2011.01) H04N 21/258 (2011.01) H04N 21/458 (2011.01)**
[25] EN
[54] **CROWD-SOURCED PROGRAM BOUNDARIES**
[54] **LIMITES DE PROGRAMME PROVENANT DE LA FOULE**
[72] WAHL, DAVID S., US
[72] NEUMANN, JAN, US
[72] YOUNESSIAN, EHSAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-02-01
[41] 2018-08-01
[30] US (62/453,189) 2017-02-01

---

[21] **2,993,714**
[13] A1
[51] **Int.Cl. F04B 49/20 (2006.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01) G05D 13/62 (2006.01)**
[25] EN
[54] **CONTROLLER AND METHOD OF CONTROLLING A ROD PUMPING UNIT**
[54] **COMMANDE ET METHODE DE COMMANDE D'UN MODULE DE POMPAGE A TIGE**
[72] AL ASSAD, OMAR, US
[72] BLOM, ROGIER SEBASTIAAN, US
[72] HUGHES, GARY, US
[72] BARTON, JUSTIN EDWIN, US
[72] WESTERKAMP, PETER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-01
[41] 2018-08-03
[30] US (15/424,452) 2017-02-03

---

[21] **2,993,718**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) G08G 5/00 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **DRONE BASED SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE FONDE SUR UN DRONE**
[72] WILLIAMS, ALBERT, US
[71] WILLIAMS, ALBERT, US
[22] 2018-01-31
[41] 2018-07-31
[30] US (62/452842) 2017-01-31
[30] US (15/884830) 2018-01-31

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[21] **2,993,728**
[13] A1
[51] **Int.Cl. B25B 5/16 (2006.01) B25B 5/00 (2006.01) B25B 5/14 (2006.01) B25B 5/04 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION CLAMP**
[54] **PINCE MULTIFONCTIONNELLE**
[72] EVATT, THOMAS, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-02-01
[41] 2018-08-01
[30] US (62/453,092) 2017-02-01

---

[21] **2,993,731**
[13] A1
[51] **Int.Cl. B23B 47/28 (2006.01) B23B 49/02 (2006.01)**
[25] EN
[54] **POCKET HOLE JIG**
[54] **GABARIT DE PERCAGE A ANGLE**
[72] EVATT, THOMAS, US
[72] THACKERY, CLINTON C., US
[72] KEITH, JAMES, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-02-01
[41] 2018-08-01
[30] US (62/453,086) 2017-02-01
[30] US (62/515,862) 2017-06-06

---

[21] **2,993,734**
[13] A1
[51] **Int.Cl. B23B 47/28 (2006.01) B23B 49/02 (2006.01)**
[25] EN
[54] **POCKET HOLE JIG**
[54] **GABARIT DE PERCAGE A ANGLE**
[72] EVATT, THOMAS, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-02-01
[41] 2018-08-01
[30] US (62/453,089) 2017-02-01

[21] **2,993,797**
[13] A1
[51] **Int.Cl. F16F 9/512 (2006.01) B64D 27/00 (2006.01) F02C 7/20 (2006.01) F16F 5/00 (2006.01) F16F 9/18 (2006.01) F16M 7/00 (2006.01)**
[25] EN
[54] **HYDRAULIC TORQUE COMPENSATION DEVICE**
[54] **DISPOSITIF DE COMPENSATION DE COUPLE HYDRAULIQUE**
[72] SHAHOSSEINI, IMAN, US
[72] NALL, JOHN, US
[72] ROSON, IVAN, US
[71] HUTCHINSON AEROSPACE & INDUSTRY INC., US
[22] 2018-02-02
[41] 2018-08-03
[30] US (15/423,719) 2017-02-03

---

[21] **2,993,840**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 1/00 (2006.01) C11D 1/12 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITION**
[54] **COMPOSITION NETTOYANTE**
[72] GLASBEY, TREVOR OWEN, AU
[72] ROBERTS, NICHOLAS ALAN, AU
[72] WHITELEY, GREGORY STUART, AU
[72] WHITELEY, REGINALD KEITH, AU
[71] WHITELEY CORPORATION PTY LTD, AU
[22] 2018-02-01
[41] 2018-08-02
[30] AU (2017900319) 2017-02-02

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[21] **2,993,843**
[13] A1
[51] **Int.Cl. B60R 21/207 (2006.01) B60N 2/42 (2006.01) B62D 63/04 (2006.01)**
[25] EN
[54] **VEHICLE SEAT WITH SIDE AIRBAG DEVICE**
[54] **SIEGE DE VEHICULE DOTE D'UN DISPOSITIF DE SAC GONFLABLE LATERAL**
[72] FUKAWATASE, OSAMU, JP
[72] KOMURA, TAKAMICHI, JP
[72] KUNISADA, MASATO, JP
[72] NAGURA, HIROYUKI, JP
[72] KAWAI, TAKUMA, JP
[72] SHIMIZU, TAKAYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-02
[41] 2018-08-03
[30] JP (2017-018647) 2017-02-03

---

[21] **2,993,847**
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04W 80/02 (2009.01) H04B 1/40 (2015.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSPORTING SIGNALS IN A SATELLITE SYSTEM**
[54] **METHODE ET SYSTEMES DE TRANSPORT DE SIGNAUX DANS UN RESEAU SATELLITE**
[72] ARNAUD, MATHIEU, FR
[72] ALMEIDA, JEAN-LUC, FR
[72] ARNAUD, DAVID, FR
[72] BAUDOIN, CEDRIC, FR
[72] DECROIX, JACQUES, FR
[72] CORBEL, ERWAN, FR
[71] THALES, FR
[22] 2018-02-02
[41] 2018-08-02
[30] FR (1700106) 2017-02-02

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[21] **2,993,859**
[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01) F21S 4/28 (2016.01) F21V 7/00 (2006.01) F21V 9/00 (2018.01)**
[25] EN
[54] **SINGLE EDGE LIT LIGHTING MODULE PRODUCING TAILORED LIGHT DISTRIBUTIONS**
[54] **MODULE D'ECLAIRAGE A ECLAIRAGE DE REBORD SIMPLE PRODUISANT DES DISTRIBUTIONS D'ECLAIRAGE SUR MESURE**
[72] UNKNOWN, ZZ
[71] FUSION OPTIX, INC., US
[71] AXIS LIGHTING, INC., CA
[22] 2018-02-02
[41] 2018-08-02
[30] US (62453588) 2017-02-02

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[21] **2,993,861**
[13] A1
[51] **Int.Cl. B65D 88/54 (2006.01) B65D 19/38 (2006.01)**
[25] EN
[54] **FLUID MANAGEMENT DEVICE & FLUID COLLECTION SYSTEM**
[54] **APPAREIL DE GESTION DE FLUIDE ET SYSTEME DE COLLECTE DE FLUIDE**
[72] WONDRA, MATTHEW, US
[72] WONDRA, RICHARD, US
[72] WONDRA, LEE, US
[71] WONDRA, MATTHEW, US
[71] WONDRA, RICHARD, US
[71] WONDRA, LEE, US
[22] 2018-02-02
[41] 2018-08-03
[30] US (62/454,408) 2017-02-03

---

[21] **2,993,862**
[13] A1
[51] **Int.Cl. B44D 3/12 (2006.01)**
[25] EN
[54] **PAINT BRUSH SUSPENSION LID**
[54] **COUVERCLE EN SUSPENSION DESTINE A UN PINCEAU**
[72] STAPLETON, JEREMY, CA
[71] STAPLETON, JEREMY, CA
[22] 2018-02-02
[41] 2018-08-02
[30] US (62453862) 2017-02-02

[21] **2,993,867**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **IMPROVED POWER ASSIST MODULE FOR COVERINGS FOR ARCHITECTURAL STRUCTURES**
[54] **MODULE ELECTRIQUE AMELIORE DESTINE AUX REVETEMENTS DE STRUCTURES ARCHITECTURALES**
[72] FISHER, ROBERT E., US
[71] HUNTER DOUGLAS INC., US
[22] 2018-02-02
[41] 2018-08-02
[30] US (15/422,573) 2017-02-02

---

[21] **2,993,971**
[13] A1
[51] **Int.Cl. H04W 4/50 (2018.01) H04W 12/04 (2009.01) H04W 76/10 (2018.01) G08B 13/196 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVISIONING A CAMERA WITH A DYNAMIC QR CODE AND A BLE CONNECTION**
[54] **SYSTEMES ET METHODE DE FOURNITURE D'UNE CAMERA AU MOYEN D'UN CODE QR DYNAMIQUE ET D'UNE CONNEXION BLUETOOTH**
[72] FRENZ, JONATHAN PAUL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-02
[41] 2018-08-03
[30] US (15/886,546) 2018-02-01
[30] US (62/454,360) 2017-02-03

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[21] **2,993,974**
[13] A1
[51] **Int.Cl. B65H 75/18 (2006.01) B21C 37/06 (2006.01) B21D 51/10 (2006.01)**
[25] EN
[54] **EXPANDED METAL CORE**
[54] **AME METALLIQUE ETENDUE**
[72] WALLNER, MICHAEL H., US
[71] WALLNER EXPAC, INC., US
[22] 2018-02-02
[41] 2018-08-03
[30] US (62/454234) 2017-02-03
[30] US (15/886,506) 2018-02-01

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[21] **2,994,014**
[13] A1
[51] **Int.Cl. B25B 21/02 (2006.01)**
[25] EN
[54] **FASTENER INSTALLATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'INSTALLATION DE FIXATION**
[72] GRAND, GERARD, CA
[71] GRAND, GERARD, CA
[22] 2018-02-05
[41] 2018-08-03
[30] US (62/454,717) 2017-02-03

---

[21] **2,994,082**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01)**
[25] EN
[54] **MULTI DOOR REMOTE CONTROL TRANSMITTER**
[54] **EMETTEUR DE TELECOMMANDE MULTIPORTE**
[72] VAN HORNE, DAVID, CA
[71] DEVANCO CANADA INC., CA
[22] 2018-02-05
[41] 2018-08-03
[30] US (62/454,120) 2017-02-03

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[21] **2,994,132**
[13] A1
[51] **Int.Cl. E01B 29/24 (2006.01) E01B 29/26 (2006.01) E01B 29/28 (2006.01)**
[25] EN
[54] **RAILWAY FASTENER REMOVAL SYSTEM**
[54] **SYSTEME D'ENLEVEMENT DE FIXATION DE RAIL**
[72] HAMILTON, WILLIAM MICHAEL, US
[72] KOCI, RYAN JAY, US
[72] TOMAC, JUSTIN WYNNE, US
[71] MOW EQUIPMENT SOLUTIONS, INC., US
[22] 2018-02-02
[41] 2018-08-03
[30] US (62/454446) 2017-02-03

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[21] **2,998,173**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 8/02 (2006.01) F21S 10/02 (2006.01) F21V 21/04 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **MANUALLY CONTROLLABLE LED CORRELATED COLOR TEMPERATURE LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A COULEUR CORRELEE DE DEL CONTROLABLE MANUELLEMENT**
[72] VAN WINKLE, GARY, US
[71] ETI SOLID STATE LIGHTING INC., US
[22] 2018-03-15
[41] 2018-07-31

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[21] **3,002,346**
[13] A1
[51] **Int.Cl. E04G 3/28 (2006.01) A63B 27/00 (2006.01) B66F 7/02 (2006.01) B66F 11/04 (2006.01) A01M 31/02 (2006.01)**
[25] FR
[54] **AUTO-CLIMBING PLATFORM**
[54] **PLATEFORME AUTO-GRIMPANTE**
[72] BOUCHARD, LUC L. B., CA
[71] BOUCHARD, LUC L. B., CA
[22] 2018-04-23
[41] 2018-07-30

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[21] **3,003,991**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **INTEGRAL TUBULAR MEMBER AND METHODS OF MANUFACTURING SAME**
[54] **ELEMENT TUBULAIRE INTEGRAL ET METHODES DE FABRICATION ASSOCIEES**
[72] CONRAD, GINETTE, CA
[72] MESSER, RUSSELL, CA
[71] COMPLETE GROUP TECHNOLOGIES LTD., CA
[22] 2018-05-04
[41] 2018-08-01

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[21] **3,004,436**
[13] A1
[51] **Int.Cl. F21K 2/00 (2006.01) C09K 11/06 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **DECLARATION-BIODEGRADABLE LIGHT WAND**
[54] **TIGE LUMINEUSE DECLAREE BIODEGRADABLE**
[72] WHITEHEAD, PAIGE, CA
[71] WHITEHEAD, PAIGE, CA
[22] 2018-05-09
[41] 2018-07-30

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[21] **3,006,114**
[13] A1
[51] **Int.Cl. C09D 7/63 (2018.01) C09D 5/00 (2006.01) C09D 133/00 (2006.01) C09D 133/12 (2006.01)**
[25] EN
[54] **SECOND COMPONENT FOR A TWO-COMPONENT SPRAYABLE METHYL-METHACRYLATE BASED PAINT AND METHOD OF PRODUCING THEREOF**
[54] **DEUXIEME COMPOSANTE D'UNE PEINTURE A BASE DE METHYLE-METHACRYLATE PULVERISABLE A DEUX COMPOSANTES ET METHODE DE PRODUCTION ASSOCIEE**
[72] ASELSTYNE, ALEX, CA
[71] THE BETTER LINE INC., CA
[22] 2018-05-24
[41] 2018-08-03

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[21] **3,006,836**
[13] A1
[51] **Int.Cl. A61K 47/10 (2017.01) A61K 31/44 (2006.01) C07D 213/75 (2006.01)**
[25] EN
[54] **INHIBITION OF CRYSTAL GROWTH OF ROFLUMILAST**
[54] **INHIBITION DE CROISSANCE DE CRISTAL DE ROFLUMILAST**
[72] OSBORNE, DAVID W., US
[71] ARCUTIS, INC., US
[22] 2018-05-31
[41] 2018-08-01
[30] US (15/616,409) 2017-06-07
[30] US (15/676,356) 2017-08-14
[30] US (15/676,373) 2017-08-14

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,969,061**
[13] A1
[51] **Int.Cl. B01D 69/12 (2006.01) B01D 63/06 (2006.01) B01D 67/00 (2006.01) B01D 71/02 (2006.01) C04B 38/00 (2006.01)**
[25] FR
[54] **SIC-NITRIDE OR SIC-OXYNITRIDE COMPOSITE MEMBRANE FILTERS**
[54] **FILTRES A MEMBRANES COMPOSITES SIC-NITRURE OU SIC-OXYNITRURE**
[72] RODRIGUES, FABIANO, FR
[72] VINCENT, ADRIEN, FR
[72] BOIS, LUDOVIC, FR
[72] ROSSIQUET, GILLES, FR
[71] SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN, FR
[85] 2017-05-26
[86] 2015-12-18 (PCT/FR2015/053660)
[87] (WO2016/097659)
[30] FR (1462765) 2014-12-18

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[21] **2,969,063**
[13] A1
[51] **Int.Cl. B01D 69/12 (2006.01) B01D 63/06 (2006.01) B01D 67/00 (2006.01) B01D 71/02 (2006.01) C04B 38/00 (2006.01)**
[25] FR
[54] **FILTERS COMPRISING SIC MEMBRANES INCORPORATING NITROGEN**
[54] **FILTRES COMPRENANT DES MEMBRANES EN SIC INCORPORANT DE L'AZOTE**
[72] RODRIGUES, FABIANO, FR
[72] SANT, JEROME, FR
[72] ROSSIQUET, GILLES, FR
[71] SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN, FR
[85] 2017-05-26
[86] 2015-12-18 (PCT/FR2015/053663)
[87] (WO2016/097661)
[30] FR (1462768) 2014-12-18

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[21] **2,969,286**
[13] A1
[51] **Int.Cl. D04H 1/44 (2006.01) D04H 1/4218 (2012.01) D04H 1/4226 (2012.01) D04H 1/58 (2012.01) F27B 9/10 (2006.01)**
[25] FR
[54] **METHOD FOR MEASURING INSIDE A BATT OF MINERAL OR PLANT FIBRES**
[54] **PROCEDE DE MESURE A L'INTERIEUR D'UN MATELAS DE FIBRES MINERALES OU VEGETALES**
[72] PELINI, CLAIRE, FR
[72] ZOWADA, ARTUR, PL
[72] ASENSIO BAZTERRA, FRANCISCO JAVIER, ES
[71] SAINT-GOBAIN ISOVER, FR
[85] 2017-05-30
[86] 2015-12-21 (PCT/FR2015/053685)
[87] (WO2016/108006)
[30] FR (1463391) 2014-12-29

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[21] **2,973,428**
[13] A1
[51] **Int.Cl. D06N 3/06 (2006.01) B32B 5/24 (2006.01) D06N 7/00 (2006.01)**
[25] EN
[54] **COVERING FOR FLOORS, WALLS OR CEILINGS, AND METHOD FOR OBTAINING A COVERING**
[54] **REVETEMENT POUR PLANCHERS, MURS OU PLAFONDS, ET PROCEDE A DES FINS D'OBTENTION D'UN REVETEMENT**
[72] GUYOT, JEAN-CLAUDE, LU
[72] VANDERHAEGEN, TIM, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2017-07-10
[86] 2016-01-15 (PCT/EP2016/050734)
[87] (WO2016/113378)
[30] EP (15151529.3) 2015-01-16

---

[21] **2,988,216**
[13] A1
[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 36/82 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **CIRCADIAN RHYTHM REGULATOR**
[54] **REGULATEUR DU RYTHME CIRCADIEN**
[72] SHIMODA, HIROSHI, JP
[72] KOHATSU, MARINA, JP
[72] TODA, KAZUYA, JP
[72] MURAI, HIROMICHI, JP
[71] ORYZA OIL & FAT CHEMICAL CO.,LTD., JP
[85] 2017-11-24
[86] 2017-01-30 (PCT/JP2017/003246)
[87] (2988216)

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[21] **2,991,823**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01) E02F 3/815 (2006.01) E02F 3/84 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK VEHICLE, AND METHOD FOR SETTING TRAJECTORY OF WORK IMPLEMENT**
[54] **SYSTEME DE COMMANDE D'UN VEHICULE DE TRAVAIL ET METHODE DE REGLAGE DE LA TRAJECTOIRE D'UN ACCESSOIRE DE TRAVAIL**
[72] HASHIMOTO, KAZUHIRO, JP
[71] KOMATSU LTD., JP
[85] 2018-02-21
[86] 2017-01-31 (PCT/JP2017/003371)
[87] (2991823)

[21] **2,995,108**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **SELF-DRILLING AND SELF-ANCHORING EXTENSIBLE ANCHOR ROD APPLICABLE TO SOFT AND WEAK COAL ROCKS AND ANCHORING METHOD THEREOF**
[54] **TIGE D'ANCRAGE EXTENSIBLE AUTOTARAUDEUSE ET A AUTOANCRAGE DESTINEE AUX ROCHES DE CHARBON TENDRES ET FAIBLES ET METHODE D'ANCRAGE ASSOCIEE**
[72] ZHANG, NONG, CN
[72] HAN, CHANGLIANG, CN
[72] YANG, KE, CN
[72] XIE, ZHENGZHENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-07-18
[86] 2017-06-07 (PCT/CN2017/087494)
[87] (2995108)
[30] CN (201611061728.0) 2016-11-25

---

[21] **2,995,113**
[13] A1
[51] **Int.Cl. E21B 49/02 (2006.01)**
[25] EN
[54] **DETECTION WHILE DRILLING (DWD) APPARATUS AND METHOD FOR LITHOLOGICAL COMPOSITION OF ROADWAY ROOF**
[54] **APPAREIL DE DETECTION PENDANT LE FORAGE ET METHODE DE COMPOSITION LITHOLOGIQUE DE DESSUS DE ROUTE**
[72] ZHENG, XIGUI, CN
[72] AN, TIELIANG, CN
[72] ZHANG, NONG, CN
[72] LIU, CANCAN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-07-18
[86] 2017-07-04 (PCT/CN2017/091611)
[87] (2995113)
[30] CN (201611101993.7) 2016-12-05

---

[21] **3,001,425**
[13] A1
[51] **Int.Cl. H02M 1/44 (2007.01) H02M 7/539 (2006.01)**
[25] EN
[54] **METHOD OF DC VOLTAGE-PULSE VOLTAGE CONVERSION**
[54] **METHODE DE CONVERSION DE TENSION CC EN TENSION D'IMPULSION**
[72] ROMANOV, YURIY IGOREVICH, RU
[72] MALETSKIY, STANISLAV VLADIMIROVICH, RU
[71] CLOSED-UP JOINT-STOCK COMPANY DRIVE, RU
[85] 2018-06-26
[86] 2017-01-10 (PCT/RU2017/000005)
[87] (3001425)

---

[21] **3,004,273**
[13] A1
[51] **Int.Cl. E21B 43/116 (2006.01) E21B 43/118 (2006.01) E21B 43/119 (2006.01)**
[25] EN
[54] **PERFORATING GUN SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DESTINES A UN PERFORATEUR**
[72] HARDESTY, JOHN T., US
[72] YANG, WENBO, US
[72] ROESSLER, DENNIS E., US
[71] GEODYNAMICS, INC., US
[85] 2018-05-08
[86] 2017-11-30 (PCT/US2017/064038)
[87] (3004273)
[30] US (62/453,932) 2017-02-02

---

[21] **3,006,708**
[13] A1
[51] **Int.Cl. C08G 63/06 (2006.01) C08L 67/00 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **COPOLYMER, PRODUCTION METHOD THEREOF, AND RESIN COMPOSITION**
[54] **COPOLYMERE, PROCEDE POUR LE PRODUIRE ET COMPOSITION DE RESINE**
[72] OGAWA, RYOHEI, JP
[72] HIGUCHI, CHOJIRO, JP
[72] URAKAMI, TATSUHIRO, JP
[71] MITSUI CHEMICALS, INC., JP
[85] 2018-05-29
[86] 2016-11-30 (PCT/JP2016/085524)
[87] (WO2017/094763)

---

[21] **3,007,896**
[13] A1
[51] **Int.Cl. E04H 15/20 (2006.01) E04B 1/343 (2006.01) E04H 15/44 (2006.01)**
[25] EN
[54] **MULTI-LAYERED PNEUMATICALLY SUPPORTED STRUCTURES**
[54] **STRUCTURES MULTICOUCHES SUPPORTEES DE MANIERE PNEUMATIQUE**
[72] WARNER, HAROLD A., CA
[72] LUKASIEWICZ, STANISLAW A., CA
[72] STRATTON, JOHN CHARLES, CA
[71] DYNAMIC SHELTERS INC., CA
[85] 2018-07-13
[86] 2018-02-02 (PCT/CA2018/050120)
[87] (3007896)
[30] US (62/454,363) 2017-02-03

---

[21] **3,009,357**
[13] A1
[51] **Int.Cl. H01M 4/1391 (2010.01)**
[25] EN
[54] **METHOD OF PREPARING CATHODE FOR SECONDARY BATTERY**
[54] **METHODE DE PREPARATION D'UNE CATHODE DESTINEE A UNE BATTERIE SECONDAIRE**
[72] HO, KAM PIU, CN
[72] WANG, RANSHI, CN
[72] SHEN, PEIHUA, CN
[71] GRST INTERNATIONAL LIMITED, CN
[85] 2018-07-17
[86] 2018-01-05 (PCT/CN2018/071679)
[87] (3009357)
[30] US (15/404,227) 2017-01-12

[21] **3,011,595**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **CHOLESTYRAMINE PELLETS AND METHODS FOR PREPARATION THEREOF**
[54] **PASTILLES DE CHOLESTYRAMINE ET PROCEDES DE PREPARATION ASSOCIES**
[72] GILLBERG, PER-GORAN, SE
[72] GUSTAFSSON, NILS OVE, SE
[72] LINDBERG, NILS-OLOF, SE
[72] ELVERSSON, JESSICA, SE
[71] ALBIREO AB, SE
[85] 2018-07-16
[86] 2017-02-09 (PCT/SE2017/050126)
[87] (WO2017/138876)
[30] SE (1650155-3) 2016-02-09

---

[21] **3,011,701**
[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 7/20 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **CHEMICAL MIXING AND PUMPING UNIT AND METHODS FOR OILFIELD OPERATIONS**
[54] **UNITE DE MELANGE CHIMIQUE ET DE POMPAGE ET PROCEDES DESTINES A DES OPERATIONS DE CHAMP PETROLIFERE**
[72] WITTE, M. BRETT, US
[72] BEHRENS, RANDALL DEAN, US
[72] SHIVERS, SHAWN, US
[71] PREMIER COIL SOLUTIONS, INC., US
[85] 2018-07-17
[86] 2017-01-18 (PCT/US2017/013855)
[87] (WO2017/127384)
[30] US (15/000,181) 2016-01-19

---

[21] **3,012,090**
[13] A1
[51] **Int.Cl. E05B 63/00 (2006.01)**
[25] EN
[54] **LATCH ARRANGEMENT HAVING A HANDLE**
[54] **AGENCEMENT DE VERROU AYANT UNE POIGNEE**
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
[85] 2018-07-20
[86] 2017-03-02 (PCT/IL2017/050267)
[87] (WO2017/149544)
[30] US (15/059,363) 2016-03-03

---

[21] **3,012,092**
[13] A1
[51] **Int.Cl. E05B 65/10 (2006.01) E05C 19/10 (2006.01)**
[25] EN
[54] **LATCH ARRANGEMENT HAVING A STOP LATCH**
[54] **AGENCEMENT DE VERROU PRESENTANT UN VERROU D'ARRET**
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
[85] 2018-07-20
[86] 2017-03-02 (PCT/IL2017/050268)
[87] (WO2017/149545)
[30] US (15/059,373) 2016-03-03

---

[21] **3,012,094**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) G01C 21/26 (2006.01)**
[25] EN
[54] **DRIVING ASSISTANCE METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ASSISTANCE A LA CONDUITE**
[72] MISHINA, YOHEI, JP
[72] FUJITA, SUSUMU, JP
[72] AOKI, MOTONOBU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-20
[86] 2016-12-08 (PCT/JP2016/086624)
[87] (WO2017/126249)
[30] JP (2016-010540) 2016-01-22

---

[21] **3,012,096**
[13] A1
[51] **Int.Cl. H05K 7/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MODULAR DATA CENTER**
[54] **SYSTEME ET PROCEDE POUR CENTRE DE DONNEES MODULAIRE**
[72] MATORIC, IVAN, HR
[72] UZELAC, GORAN, HR
[72] RANCIC, DENIS, HR
[72] CRNOGORAC, MISLAV, HR
[71] LIEBERT CORPORATION, US
[85] 2018-07-20
[86] 2016-06-09 (PCT/US2016/036683)
[87] (WO2017/127130)
[30] US (15/002,661) 2016-01-21
[30] CN (201620284474.8) 2016-04-07
[30] CN (201610213534.1) 2016-04-07

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[21] **3,012,097**
[13] A1
[51] **Int.Cl. A63F 13/25 (2014.01) A63F 13/90 (2014.01)**
[25] EN
[54] **GAME CONSOLE INCORPORATING BEAM-SPLITTER DISPLAY AND REAL WORLD OBJECTS**
[54] **CONSOLE DE JEU COMPRENANT UN AFFICHEUR A SEPARATEUR DE FAISCEAU ET DES OBJETS DU MONDE REEL**
[72] STIMAC, TODD R., US
[71] TOCCATA GAMING INTERNATIONAL, LLC, US
[85] 2018-07-20
[86] 2016-12-30 (PCT/US2016/069431)
[87] (WO2017/127223)
[30] US (15/002,795) 2016-01-21

---

[21] **3,012,099**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/97 (2017.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITION COMPRISING A HAIR RESTORATIVE BLEND**
[54] **COMPOSITION DE SOINS PERSONNELS COMPRENANT UN MELANGE POUR LA RESTAURATION CAPILLAIRE**
[72] PAWLUS, ALISON, US
[72] HAWKINS, GEOFFREY, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-07-20
[86] 2017-01-11 (PCT/US2017/012963)
[87] (WO2017/131954)
[30] US (62/287,470) 2016-01-27

[21] **3,012,104**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/97 (2017.01) A61Q 5/00 (2006.01) A61Q 5/02 (2006.01)**
[25] EN
[54] **A METHOD FOR TREATING THE APPEARANCE OF THINNING HAIR**
[54] **METHODE DE TRAITEMENT DE L'ASPECT DEGARNI DES CHEVEUX**
[72] PAWLUS, ALISON, US
[72] HAWKINS, GEOFFREY, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-07-20
[86] 2017-01-11 (PCT/US2017/012981)
[87] (WO2017/131956)
[30] US (62/287,496) 2016-01-27

---

[21] **3,012,174**
[13] A1
[51] **Int.Cl. B62D 25/20 (2006.01) B62D 25/08 (2006.01)**
[25] EN
[54] **VEHICLE FRONT PORTION STRUCTURE**
[54] **STRUCTURE D'EXTREMITE AVANT DE VEHICULE**
[72] SHIRAKAMI, SATOSHI, JP
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-20
[86] 2017-01-27 (PCT/JP2017/002920)
[87] (WO2017/135163)
[30] JP (2016-020452) 2016-02-05

---

[21] **3,012,182**
[13] A1
[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONDITIONAL ACCESS VIA LICENSE OF PROPRIETARY FUNCTIONALITY**
[54] **PROCEDE ET SYSTEME D'ACCES CONDITIONNEL PAR L'INTERMEDIAIRE D'UNE LICENCE DE FONCTIONNALITE DE PROPRIETAIRE**
[72] HARVEY, IAN E., US
[71] TWENTIETH CENTURY FOX FILM CORPORATION, US
[85] 2018-07-20
[86] 2017-01-26 (PCT/US2017/015194)
[87] (WO2017/132416)
[30] US (15/006,878) 2016-01-26

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[21] **3,012,188**
[13] A1
[51] **Int.Cl. F16L 55/165 (2006.01) B29C 63/34 (2006.01) B29C 63/36 (2006.01) B29D 23/00 (2006.01) F16L 55/164 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **EXPANDABLE PIPE INCLUDING A LINER FOR RESTORING A CONDUIT**
[54] **TUYAU EXPANSIBLE COMPRENANT UN REVETEMENT POUR REPARER UNE CONDUITE**
[72] LLEWELLYN, CLINTON EDWARD, US
[72] HERING, ALFRED G., US
[72] ISANHART, BOWDIE J., US
[72] CAMP, JOHN HARRY, US
[71] RECYCA-PIPE OF AMERICA L.L.C., US
[85] 2018-07-20
[86] 2017-01-31 (PCT/US2017/015712)
[87] (WO2017/136299)
[30] US (62/289,760) 2016-02-01
[30] US (62/432,265) 2016-12-09
[30] US (15/419,525) 2017-01-30

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[21] **3,012,192**
[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) A61B 5/02 (2006.01)**
[25] EN
[54] **DIAGNOSTIC AND PROGNOSTIC METHODS FOR CARDIOVASCULAR DISEASES AND EVENTS**
[54] **METHODES DE DIAGNOSTIC ET DE PRONOSTIC DE MALADIES ET D'EVENEMENTS CARDIOVASCULAIRES**
[72] RHYNE, RHONDA FAY, US
[72] MAGARET, CRAIG AGAMEMNON, US
[72] STROBECK, JOHN EDWARD, US
[72] JANUZZI, JAMES LOUIS JR., US
[71] PREVENCIO, INC., US
[85] 2018-07-20
[86] 2017-02-01 (PCT/US2017/016081)
[87] (WO2017/136464)
[30] US (62/289,513) 2016-02-01
[30] US (62/378,535) 2016-08-23

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[21] **3,012,195**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) C12N 9/24 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR TREATING MUCOPOLYSACCHARIDOSIS TYPE I**
[54] **THERAPIE GENIQUE POUR TRAITER LA MUCOPOLYSACCHARIDOSE DE TYPE I**
[72] HINDERER, CHRISTIAN, US
[72] WILSON, JAMES M., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-07-20
[86] 2017-02-02 (PCT/US2017/016133)
[87] (WO2017/136500)
[30] US (62/290,547) 2016-02-03
[30] US (62/323,271) 2016-04-15
[30] US (62/337,178) 2016-05-16
[30] US (62/367,798) 2016-07-28
[30] US (62/452,560) 2017-01-31

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[21] **3,012,196**
[13] A1
[51] **Int.Cl. C07K 1/00 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **ANTI-EGFR ANTIBODY DRUG CONJUGATE**
[54] **CONJUGUE MEDICAMENT-ANTICORPS ANTI-EGFR**
[72] GARDINER, ELISABETH, US
[72] DUMITRU, CALIN DAN, US
[72] MATHO, MICHAEL H., US
[71] MEDITOPE BIOSCIENCES, INC., US
[85] 2018-07-20
[86] 2017-02-02 (PCT/US2017/016264)
[87] (WO2017/136581)
[30] US (62/290,382) 2016-02-02

[21] **3,012,212**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 21/47 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **DETECTION OF EXOSOMES HAVING SURFACE MARKERS**
[54] **DETECTION D'EXOSOMES AYANT DES MARQUEURS DE SURFACE**
[72] DAABOUL, GEORGE, US
[72] FREEDMAN, DAVID S., US
[71] NANOVIEW DIAGNOSTICS INC., US
[85] 2018-07-20
[86] 2017-02-03 (PCT/US2017/016434)
[87] (WO2017/136676)
[30] US (62/291,848) 2016-02-05

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[21] **3,012,299**
[13] A1
[51] **Int.Cl. C12N 9/64 (2006.01) A61K 38/48 (2006.01) A61K 47/32 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **DEBRIDING COMPOSITION FOR TREATING WOUNDS**
[54] **COMPOSITION DE DEBRIDEMENT DESTINEE AU TRAITEMENT DES PLAIES**
[72] ASCULAI, EILON, IL
[72] GEBLINGER, DAFNA, IL
[72] KLEYMAN, MERY, IL
[72] BARTFELD, DEBORAH HANAH, IL
[71] MEDIWOUND LTD., IL
[85] 2018-07-23
[86] 2017-01-30 (PCT/IL2017/050107)
[87] (WO2017/130204)
[30] US (62/289,246) 2016-01-31

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[21] **3,012,302**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **PEPTIDES AND USE OF SAME IN THE TREATMENT OF DISEASES, DISORDERS OR CONDITIONS ASSOCIATED WITH A MUTANT P53**
[54] **PEPTIDES ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES, TROUBLES OU AFFECTIONS ASSOCIES A UN P53 MUTANT**
[72] ROTTER, VARDA, IL
[72] OREN, MOSHE, IL
[72] TAL, PERRY, IL
[72] EIZENBERGER, SHAY, IL
[72] BEN-SHIMON, AVI, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2018-07-23
[86] 2017-02-03 (PCT/IL2017/050132)
[87] (WO2017/134671)
[30] US (62/291,003) 2016-02-04

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[21] **3,012,305**
[13] A1
[51] **Int.Cl. B23B 27/04 (2006.01)**
[25] EN
[54] **SWISS TURNING INSERT WITH CHIP FORMER ARRANGEMENT COMPRISING UPWARDLY EXTENDING RIDGE**
[54] **INSERT DE TOURNAGE SUISSE AVEC DISPOSITIF DE FORMATION DE COPEAUX COMPRENANT UNE ARETE VERTICALE**
[72] MAKHLIN, DIMA, IL
[72] CHISTYAKOV, SERGEY, IL
[71] ISCAR LTD., IL
[85] 2018-07-23
[86] 2017-02-05 (PCT/IL2017/050133)
[87] (WO2017/141231)
[30] US (15/043,685) 2016-02-15

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[21] **3,012,308**
[13] A1
[51] **Int.Cl. B25B 13/48 (2006.01)**
[25] EN
[54] **CUTTING TOOL KEY, CUTTING HEAD KEY ASSEMBLY AND METHOD OF ATTACHING CUTTING HEAD TO TOOL HOLDER**
[54] **CLE D'OUTIL DE COUPE, ENSEMBLE DE CLE DE TETE DE COUPE ET PROCEDE DE FIXATION DE TETE DE COUPE A UN PORTE-OUTIL**
[72] HECHT, GIL, IL
[72] BEN HAROUCHE, DAVID, IL
[71] ISCAR LTD., IL
[85] 2018-07-23
[86] 2017-02-14 (PCT/IL2017/050184)
[87] (WO2017/145147)
[30] US (15/049,683) 2016-02-22

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[21] **3,012,311**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06F 7/00 (2006.01) H04L 9/06 (2006.01)**
[25] EN
[54] **METHOD AND SERVER FOR PROVIDING NOTARY SERVICE FOR FILE AND VERIFYING FILE RECORDED BY NOTARY SERVICE**
[54] **PROCEDE ET SERVEUR PERMETTANT DE FOURNIR UN SERVICE DE NOTAIRE POUR UN DOSSIER ET DE VERIFIER UN DOSSIER ENREGISTRE PAR UN SERVICE DE NOTAIRE**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-07-23
[86] 2017-02-01 (PCT/KR2017/001072)
[87] (WO2017/135670)
[30] KR (10-2016-0012763) 2016-02-02

[21] **3,012,314**
[13] A1
[51] **Int.Cl. C22B 9/193 (2006.01) B22D 23/10 (2006.01)**
[25] EN
[54] **A MOULD FOR THE MANUFACTURING OF MOULD STEELS IN AN ELECTRO SLAG REMELTING PROCESS**
[54] **MOULE POUR LA FABRICATION D'ACIERS DE MOULE DANS UN PROCEDE DE REFUSION DE LAITIER ELECTROCONDUCTEUR**
[72] SJOQVIST PERSSON, EVA, SE
[71] UDDEHOLMS AB, SE
[85] 2018-07-23
[86] 2017-01-27 (PCT/SE2017/050073)
[87] (WO2017/142455)
[30] SE (1650203-1) 2016-02-16

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[21] **3,012,317**
[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **LOCKING IN-PLACE SMALL FORM FACTOR PLUGGABLE TRANSCEIVER MODULE**
[54] **MODULE EMETTEUR-RECEPTEUR ENFICHABLE COMPACT A VERROUILLAGE EN PLACE**
[72] APRO, ATTILA, CA
[71] SIEMENS CANADA LIMITED, CA
[85] 2018-07-23
[86] 2016-01-25 (PCT/US2016/014661)
[87] (WO2017/131605)

---

[21] **3,012,330**
[13] A1
[51] **Int.Cl. C12N 5/07 (2010.01)**
[25] EN
[54] **STEM CELLS FOR WOUND HEALING**
[54] **CELLULES SOUCHES POUR LA CICATRISATION DE PLAIE**
[72] LUTTUN, AERNOUT, BE
[72] DEANS, ROBERT J., US
[71] ABT HOLDING COMPANY, US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-07-23
[86] 2016-02-12 (PCT/US2016/017848)
[87] (WO2017/127123)
[30] US (62/281,334) 2016-01-21

---

[21] **3,012,334**
[13] A1
[51] **Int.Cl. G01C 21/26 (2006.01)**
[25] EN
[54] **SAFE DRIVING SYSTEM GENERATING MAP POINTS**
[54] **SYSTEME DE CONDUITE SUR GENERANT DES POINTS SUR UNE CARTE**
[72] THOMPSON, DEMETRIUS, US
[71] THOMPSON, DEMETRIUS, US
[85] 2018-07-23
[86] 2016-12-29 (PCT/US2016/069156)
[87] (WO2018/125128)

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[21] **3,012,389**
[13] A1
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 23/02 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENABLING ACQUISITION OF BOREHOLE SURVEY DATA AND CORE ORIENTATION DATA**
[54] **PROCEDE ET SYSTEME PERMETTANT L'ACQUISITION DE DONNEES D'EVALUATION DE TROU DE FORAGE ET DE DONNEES D'ORIENTATION DE CAROTTE**
[72] MCLEOD, GAVIN, AU
[72] BROWN, KELVIN, AU
[72] JABBAL, GERTEJ SINGH, AU
[71] REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, AU
[85] 2018-07-24
[86] 2017-01-23 (PCT/AU2017/050049)
[87] (WO2017/127885)
[30] AU (2016900244) 2016-01-27
[30] AU (2016900245) 2016-01-27
[30] AU (2016901181) 2016-03-30

---

[21] **3,012,390**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61F 2/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DESIGNING AND FABRICATING A CUSTOMISED DEVICE**
[54] **PROCEDE ET SYSTEME DE CONCEPTION ET DE FABRICATION D'UN DISPOSITIF PERSONNALISE**
[72] PARR, WILLIAM C.H., AU
[71] 3DMORPHIC PTY LTD, AU
[85] 2018-07-24
[86] 2017-01-25 (PCT/AU2017/050056)
[87] (WO2017/127887)
[30] AU (2016900216) 2016-01-25

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[21] **3,012,392**
[13] A1
[51] **Int.Cl. G01W 1/00 (2006.01) B64D 15/20 (2006.01) E01C 11/24 (2006.01) G01N 25/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AN ICING CONDITION STATUS OF AN ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'ETAT DE CONDITION DE GIVRAGE D'UN ENVIRONNEMENT**
[72] BEGIN-DROLET, ANDRE, CA
[72] RUEL, JEAN, CA
[72] LEMAY, JEAN, CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-07-24
[86] 2016-03-08 (PCT/CA2016/050251)
[87] (WO2016/141477)
[30] US (62/132,276) 2015-03-12

[21] **3,012,393**
[13] A1
[51] **Int.Cl. H03B 5/08 (2006.01) H04B 1/40 (2015.01)**
[25] EN
[54] **GENERATING LOCAL OSCILLATOR SIGNALS IN A WIRELESS SENSOR DEVICE**
[54] **GENERATION DE SIGNAUX D'OSCILLATEUR LOCAL DANS UN DISPOSITIF DE DETECTION SANS FIL**
[72] SINGH, RAHUL, CA
[72] PACE, TREVOR, CA
[72] MANKU, TAJINDER, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2018-07-24
[86] 2016-12-13 (PCT/CA2016/051463)
[87] (WO2017/147684)
[30] US (15/057,921) 2016-03-01

---

[21] **3,012,394**
[13] A1
[51] **Int.Cl. F24F 6/18 (2006.01)**
[25] EN
[54] **STEAM HUMIDIFIER**
[54] **HUMIDIFICATEUR A VAPEUR**
[72] GUERIN, CAMILLE JEAN-PIERRE, CA
[72] THOMSON, PETER C., CA
[71] CONDAIR GROUP AG, CH
[85] 2018-07-24
[86] 2017-01-05 (PCT/CH2017/000002)
[87] (WO2017/127948)
[30] CH (0122/16) 2016-01-29

---

[21] **3,012,395**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS**
[54] **METHODE DE COMMUNICATION ET APPAREIL DE COMMUNICATION**
[72] LIU, DEPING, CN
[72] LU, ZHENWEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-07-24
[86] 2016-09-29 (PCT/CN2016/100876)
[87] (WO2017/128757)
[30] CN (PCT/CN2016/072410) 2016-01-27

---

[21] **3,012,396**
[13] A1
[51] **Int.Cl. C07J 43/00 (2006.01) A61K 31/575 (2006.01) A61K 31/58 (2006.01) A61P 1/16 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 13/02 (2006.01) C07J 9/00 (2006.01) C07J 31/00 (2006.01) C07J 33/00 (2006.01)**
[25] EN
[54] **STEROID DERIVATIVE FXR AGONIST**
[54] **AGONISTE STEROIDIEN DU RECEPTEUR FXR (RECEPTEUR FARNESOIDE X)**
[72] HE, HAIYING, CN
[72] XIAO, HUALING, CN
[72] LI, PENG, CN
[72] DU, CHUNYAN, CN
[72] LUO, ZHI, CN
[72] CHEN, SHUHUI, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-07-24
[86] 2017-01-25 (PCT/CN2017/072567)
[87] (WO2017/129125)
[30] CN (201610061293.3) 2016-01-28
[30] CN (201610331759.7) 2016-05-18

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[21] **3,012,397**
[13] A1
[51] **Int.Cl. H02H 1/00 (2006.01) G01R 31/12 (2006.01) H01F 38/30 (2006.01)**
[25] EN
[54] **AN ARC FAULT CURRENT DETECTOR**
[54] **DETECTEUR DE COURANT DE DEFAUT D'ARC**
[72] WARD, PATRICK, IE
[72] O'BRIEN, DONAL, IE
[72] VIKLIUK, ANDRII, IE
[71] SHAKIRA LIMITED, IE
[85] 2018-07-24
[86] 2016-10-17 (PCT/EP2016/074845)
[87] (WO2017/129277)
[30] GB (1601425.0) 2016-01-26

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[21] **3,012,398**
[13] A1
[51] **Int.Cl. A61K 38/43 (2006.01) A61K 38/48 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANCER TREATMENT**
[54] **TRAITEMENT CONTRE LE CANCER**
[72] PERAN, MACARENA, AU
[72] KENYON, JULIAN, AU
[72] CORRALES, JUAN ANTONIO MARCHAL, AU
[72] CHAVES, MARIA ANGEL GARCIA, AU
[71] PROPANC PTY LTD, AU
[85] 2018-07-24
[86] 2017-01-27 (PCT/AU2017/050065)
[87] (WO2017/127892)
[30] ES (P201630112) 2016-01-29
[30] ES (P201631662) 2016-12-22

---

[21] **3,012,399**
[13] A1
[51] **Int.Cl. H02K 1/27 (2006.01)**
[25] FR
[54] **ROTOR FOR AXIAL FLUX ELECTROMAGNETIC MOTOR OR GENERATOR WITH SEMI-EMBEDDED MAGNETS AND AXIAL HOLDING MEANS**
[54] **ROTOR POUR MOTEUR OU GENERATRICE ELECTROMAGNETIQUE A FLUX AXIAL A AIMANTS SEMI-ENTERRES AVEC DES MOYENS DE MAINTIEN AXIAL**
[72] TIEGNA, HUGUETTE, FR
[72] MAYEUR, LOIC, FR
[72] RAVAUD, ROMAIN, FR
[71] WHYLOT SAS, FR
[85] 2018-07-23
[86] 2017-03-09 (PCT/FR2017/000047)
[87] (WO2017/158247)
[30] FR (1600419) 2016-03-14

[21] 3,012,400
[13] A1
[51] **Int.Cl. B61B 12/02 (2006.01) F16H 1/30 (2006.01)**
[25] EN
[54] **APPARATUS FOR MOVING ROPEWAY VEHICLES IN A ROPEWAY SYSTEM**
[54] **DISPOSITIF DE CIRCULATION DES VEHICULES TELEPHERIQUES DANS UNE INSTALLATION DE TELEPHERIQUE**
[72] MORITZHUBER, JOHANNES, AT
[71] INNOVA PATENT GMBH, AT
[85] 2018-07-24
[86] 2016-11-17 (PCT/EP2016/078073)
[87] (WO2017/140389)
[30] AT (A 85/2016) 2016-02-18

[21] 3,012,401
[13] A1
[51] **Int.Cl. A23P 10/30 (2016.01) A23L 29/20 (2016.01) A23L 29/212 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 33/21 (2016.01) A21D 2/18 (2006.01) A21D 13/04 (2017.01) A21D 13/06 (2017.01)**
[25] EN
[54] **MICROENCAPSULATED NON-STARCH POLYSACCHARIDES FOR DIET FOOD COMPOSITIONS**
[54] **POLYSACCHARIDES NON AMYLACES MICROENCAPSULE POUR COMPOSITIONS ALIMENTAIRES DIETETIQUES**
[72] CHOUINARD, HAL PIO, CA
[71] CHEF LOW CAL FOODS INC., CA
[85] 2018-07-24
[86] 2017-11-02 (PCT/CA2017/051303)
[87] (WO2018/081900)
[30] US (62/418,306) 2016-11-07
[30] US (62/503,407) 2017-05-09

[21] 3,012,402
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/02 (2018.01) H04W 12/02 (2009.01) H04W 12/10 (2009.01)**
[25] EN
[54] **EXPLICIT SPATIAL REPLAY PROTECTION**
[54] **PROTECTION DE LA REEXECUTION SPATIALE EXPLICITE**
[72] WIFVESSON, MONICA, SE
[72] BEN HENDA, NOAMEN, SE
[72] PFEFFER, KATHARINA, AT
[72] LEHTOVIRTA, VESA, FI
[72] TORVINEN, VESA, FI
[72] SULTANA, SHABNAM, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-07-24
[86] 2016-11-24 (PCT/EP2016/078653)
[87] (WO2017/129286)
[30] US (62/286602) 2016-01-25

[21] 3,012,403
[13] A1
[51] **Int.Cl. G01C 9/00 (2006.01) A61B 5/00 (2006.01) A61B 5/11 (2006.01) A61B 5/22 (2006.01) G01C 21/12 (2006.01)**
[25] FR
[54] **METHOD FOR ESTIMATING THE PHYSICAL ACTIVITY OF AN UPPER LIMB**
[54] **PROCEDE D'ESTIMATION DE L'ACTIVITE PHYSIQUE D'UN MEMBRE SUPERIEUR**
[72] GRELET, MARC, FR
[72] DORVEAUX, ERIC, FR
[72] VISSIERE, DAVID, FR
[72] SERVAIS, LAURENT, FR
[72] HOGREL, JEAN- YVES, FR
[72] MORAUX, AMELIE, FR
[71] SYSNAV, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[85] 2018-07-23
[86] 2017-01-24 (PCT/FR2017/050147)
[87] (WO2017/129890)
[30] FR (1650652) 2016-01-27

[21] 3,012,404
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MEANS AND METHODS FOR STAGING, TYPING AND TREATING A CANCEROUS DISEASE**
[54] **MOYENS ET PROCEDES DE STADIFICATION, TYPAGE ET TRAITEMENT D'UNE MALADIE CANCEREUSE**
[72] KLEIN, CHRISTOPH, DE
[72] SCHEITLER, SEBASTIAN, DE
[72] WERNER-KLEIN, MELANIE, DE
[72] HOFFMANN, MARTIN, DE
[72] HODAK, ISABELLE, DE
[71] FRAUNHOFER GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] UNIVERSITAET REGENSBURG, DE
[85] 2018-07-24
[86] 2017-01-27 (PCT/EP2017/051789)
[87] (WO2017/129753)
[30] EP (16152883.1) 2016-01-27

[21] 3,012,405
[13] A1
[51] **Int.Cl. C09K 11/02 (2006.01) H01L 33/50 (2010.01) A01G 7/04 (2006.01) A01G 9/14 (2006.01) C09K 11/68 (2006.01)**
[25] EN
[54] **A COMPOSITION, COLOR CONVERTING SHEET AND LIGHT EMITTING DIODE DEVICE**
[54] **COMPOSITION, FEUILLE DE CONVERSION DE COULEUR ET DISPOSITIF DE DIODE ELECTROLUMINESCENTE**
[72] OKURA, HIROSHI, JP
[72] DERTINGER, STEPHAN, JP
[72] NISHIHARA, EIJI, JP
[72] ISHIGAKI, TADASHI, JP
[72] OHMI, KOUTOKU, JP
[71] MERCK PATENT GMBH, DE
[85] 2018-07-24
[86] 2017-01-18 (PCT/EP2017/000050)
[87] (WO2017/129351)
[30] EP (16000178.0) 2016-01-26

[21] **3,012,406**
[13] A1
[51] **Int.Cl. F01D 15/12 (2006.01) F01D 25/18 (2006.01)**
[25] FR
[54] **AXIALLY-PARTITIONED OIL-DISTRIBUTION WHEEL, AND PLANETARY REDUCTION GEAR COMPRISING SUCH A WHEEL**
[54] **ROUET DE DISTRIBUTION D'HUILE AVEC PARTITIONNEMENT AXIAL ET REDUCTEUR A TRAIN EPICYCLOIDAL EQUIPE D'UN TEL ROUET**
[72] GEDIN, PATRICE, FR
[72] AUTRAN, PAULINE MARIE CECILLE, FR
[72] BRUOT, CECILE, FR
[72] BECK, GUILLAUME JULIEN, FR
[72] DOMBEK, ALEXIS, FR
[72] LEMOINE, JULIE, FR
[72] PELTIER, JORDANE, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2018-07-23
[86] 2017-01-27 (PCT/FR2017/050200)
[87] (WO2017/129926)
[30] FR (1650696) 2016-01-28

---

[21] **3,012,407**
[13] A1
[51] **Int.Cl. C10B 55/02 (2006.01) C10B 57/06 (2006.01)**
[25] EN
[54] **NOVEL COKE WITH ADDITIVES**
[54] **COKE INNOVANT COMPRENANT DES ADDITIFS**
[72] OTTINGER, OSWIN, DE
[72] WALTER, HERIBERT, DE
[72] CHRIST, MARTIN, DE
[72] DAIMER, JOHANN, DE
[72] FROHS, WILHELM, DE
[72] HILTMANN, FRANK, DE
[72] SCHMITT, RAINER, DE
[71] SGL CFL CE GMBH, DE
[85] 2018-07-24
[86] 2017-01-30 (PCT/EP2017/051882)
[87] (WO2017/129808)
[30] DE (10 2016 201 429.3) 2016-01-29

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[21] **3,012,408**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 3/04 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS**
[54] **COMPOSES THERAPEUTIQUES**
[72] MARTIN, BARRIE, GB
[71] C4X DISCOVERY LIMITED, GB
[85] 2018-07-24
[86] 2017-01-30 (PCT/EP2017/051960)
[87] (WO2017/129829)
[30] GB (1601703.0) 2016-01-29

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[21] **3,012,409**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 15/86 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **AAV-BASED CONDITIONAL EXPRESSION SYSTEM**
[54] **SYSTEME D'EXPRESSION CONDITIONNELLE A BASE D'AAV**
[72] KOSZINOWSKI, ULRICH, DE
[72] LANGER, SIMONA, DE
[72] RUZSICS, ZSOLT, DE
[72] THIRION, CHRISTIAN, DE
[71] SIRION BIOTECH GMBH, DE
[85] 2018-07-24
[86] 2017-01-30 (PCT/EP2017/051944)
[87] (WO2017/129822)
[30] EP (16153329.4) 2016-01-29

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[21] **3,012,410**
[13] A1
[51] **Int.Cl. C07H 1/00 (2006.01) A23L 33/00 (2016.01) A23C 9/20 (2006.01) C07H 3/06 (2006.01) C07H 15/18 (2006.01) C07H 23/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING 2'-O-FUCOSYLLACTOSE**
[54] **PROCEDE DE PRODUCTION DE 2'-O-FUCOSYLLACTOSE**
[72] PUHL, MICHAEL, DE
[72] SIEGEL, WOLFGANG, DE
[72] RENZ, STEPHANIE, DE
[72] WOELFERT, ANDREAS, DE
[71] BASF SE, DE
[85] 2018-07-24
[86] 2017-02-02 (PCT/EP2017/052280)
[87] (WO2017/134176)
[30] EP (16154115.6) 2016-02-03

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[21] **3,012,411**
[13] A1
[51] **Int.Cl. C07C 29/141 (2006.01) C07C 31/20 (2006.01) C07C 45/60 (2006.01) C07C 45/67 (2006.01) C07C 47/19 (2006.01) C07H 3/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE HYDROGENATION OF GLYCOLALDEHYDE**
[54] **PROCEDE D'HYDROGENATION DE GLYCOLALDEHYDE**
[72] DE VLIEGER, DIONYSIUS JACOBUS MARIA, NL
[72] HUIZENGA, PIETER, NL
[72] VAN DER HEIDE, EVERT, NL
[72] EDULJI, SMITA, US
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-07-24
[86] 2017-02-06 (PCT/EP2017/052546)
[87] (WO2017/137355)
[30] EP (16154670.0) 2016-02-08

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[21] **3,012,412**
[13] A1
[51] **Int.Cl. C07C 29/141 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ALKYLENE GLYCOLS**
[54] **PROCEDE DE PRODUCTION D'ALKYLENE GLYCOLS**
[72] VAN DER HEIDE, EVERT, NL
[72] HUIZENGA, PIETER, NL
[72] DE VLIEGER, DIONYSIUS JACOBUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-07-24
[86] 2017-02-08 (PCT/EP2017/052759)
[87] (WO2017/137440)
[30] EP (16154879.7) 2016-02-09

[21] **3,012,413**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **DEVICE WITH FLOW RATE INDICATOR**
[54] **DISPOSITIF AVEC INDICATEUR DE DEBIT**
[72] SPENCER, DAVID, GB
[72] BRUIN, RONALD, GB
[72] SANDERS, MARK, GB
[71] CLEMENT CLARKE INTERNATIONAL LTD, GB
[85] 2018-07-24
[86] 2017-02-10 (PCT/EP2017/053059)
[87] (WO2017/140599)
[30] GB (1602639.5) 2016-02-15
[30] GB (1700412.8) 2017-01-10

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[21] **3,012,414**
[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] FR
[54] **AIRFLOW COOKING DEVICE**
[54] **APPAREIL DE CUISSON A FLUX D'AIR**
[72] DELRUE, OLIVIER, FR
[72] CORNU, JEREMY, FR
[72] BIZARD, JEAN-CLAUDE, FR
[71] SEB S.A., FR
[85] 2018-07-23
[86] 2017-02-10 (PCT/FR2017/050314)
[87] (WO2017/144795)
[30] FR (1651436) 2016-02-22

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[21] **3,012,415**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/137 (2006.01) A61K 31/192 (2006.01) A61K 31/40 (2006.01) A61K 31/445 (2006.01) A61K 45/06 (2006.01) A61P 25/00 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **IGMESINE FOR USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **IGMESINE A UTILISER DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] ROMAN, FRANCOIS J., FR
[72] MEUNIER, JOHANN, FR
[71] SIGMATHERA SAS, FR
[85] 2018-07-24
[86] 2017-02-10 (PCT/EP2017/053066)
[87] (WO2017/137600)
[30] US (62/293,832) 2016-02-11

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[21] **3,012,416**
[13] A1
[51] **Int.Cl. A01G 33/00 (2006.01) C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/36 (2006.01)**
[25] FR
[54] **METHOD FOR THE CULTURE OF PHOTOSYNTHETIC ORGANISMS USING A CO2 SOURCE**
[54] **PROCEDE DE CULTURE D'ORGANISMES PHOTOSYNTHETIQUES A L'AIDE D'UNE SOURCE DE CO2**
[72] PRUVOST, JEREMY, FR
[72] LE GOUIC, BENJAMIN, FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-07-23
[86] 2017-02-22 (PCT/FR2017/050393)
[87] (WO2017/144817)
[30] FR (16/51516) 2016-02-24

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[21] **3,012,417**
[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **AMYLOID CONJUGATE AND USES AND METHODS THEREOF**
[54] **CONJUGUE D'AMYLOIDE ET UTILISATIONS ET PROCEDES ASSOCIES**
[72] SARASA BARRIO, MANUEL, ES
[71] ARACLON BIOTECH, S.L., ES
[85] 2018-07-24
[86] 2017-02-14 (PCT/EP2017/053242)
[87] (WO2017/140656)
[30] ES (ES201630173) 2016-02-15

---

[21] **3,012,418**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER BIOMARKERS**
[54] **MARQUEURS BIOLOGIQUES DU CANCER**
[72] GATTO, FRANCESCO, US
[72] NIELSEN, JENS, SE
[71] ELYPTA AB, SE
[85] 2018-07-24
[86] 2017-03-07 (PCT/EP2017/055333)
[87] (WO2017/153412)
[30] US (62/304,734) 2016-03-07
[30] GB (1613539.4) 2016-08-05

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[21] **3,012,419**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/74 (2015.01) A61K 39/09 (2006.01) C12N 1/36 (2006.01)**
[25] EN
[54] **STREPTOCOCCUS UBERIS EXTRACT AS AN IMMUNOGENIC AGENT**
[54] **EXTRAIT DE STREPTOCOCCUS UBERIS UTILISE EN TANT QU'AGENT IMMUNOGENE**
[72] COLLADO GIMBERT, ROSA MARIA, ES
[72] PRENAFETA I AMARGOS, ANTONI, ES
[71] HIPRA SCIENTIFIC, S.L.U., ES
[85] 2018-07-24
[86] 2017-02-14 (PCT/EP2017/053306)
[87] (WO2017/140683)
[30] EP (16382060.8) 2016-02-15

[21] **3,012,420**
[13] A1
[51] **Int.Cl. H05B 3/42 (2006.01) A24F 47/00 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **E-VAPING DEVICE CARTRIDGE WITH INTERNAL INFRARED SENSOR**
[54] **CARTOUCHE DE DISPOSITIF DE VAPOTAGE AVEC CAPTEUR INFRAROUGE INTERNE**
[72] CADIEUX, ED, US
[72] SMITH, BARRY S., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-24
[86] 2017-03-21 (PCT/EP2017/056724)
[87] (WO2017/162687)
[30] US (15/075,690) 2016-03-21

---

[21] **3,012,421**
[13] A1
[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING DEVICE COMPRISING SEMICONDUCTOR HEATERS**
[54] **DISPOSITIF DE GENERATION D'AEROSOL COMPRENANT DES DISPOSITIFS DE CHAUFFAGE A SEMI-CONDUCTEURS**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-24
[86] 2017-03-30 (PCT/EP2017/057527)
[87] (WO2017/182249)
[30] EP (16166728.2) 2016-04-22

---

[21] **3,012,422**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01) C07K 16/42 (2006.01)**
[25] EN
[54] **PROTEASE-ACTIVATED T CELL BISPECIFIC MOLECULES**
[54] **MOLECULES BISPECIFIQUES DE CELLULES T ACTIVEES PAR UNE PROTEASE**
[72] BRUENKER, PETER, CH
[72] CROASDALE-WOOD, REBECCA, GB
[72] KLEIN, CHRISTIAN, CH
[72] SCHANZER, JUERGEN MICHAEL, DE
[72] STUBENRAUCH, KAY-GUNNAR, DE
[72] UMANA, PABLO, CH
[72] GEIGER, MARTINA, CH
[72] SULLIVAN, ERIC, US
[72] PATEL, JIGAR, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-24
[86] 2017-03-20 (PCT/EP2017/056556)
[87] (WO2017/162587)
[30] EP (16161740.2) 2016-03-22
[30] US (62/433,327) 2016-12-13

---

[21] **3,012,423**
[13] A1
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/03 (2006.01) A61Q 19/06 (2006.01) A61Q 19/08 (2006.01)**
[25] FR
[54] **TWO-PHASE COSMETIC COMPOSITION AND USE THEREOF FOR TOPICAL APPLICATION**
[54] **COMPOSITION COSMETIQUE BIPHASE ET SON UTILISATION PAR APPLICATION TOPIQUE**
[72] DURAN, VIOLAINE, FR
[72] CELLIER, DOMINIQUE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2018-07-24
[86] 2017-02-23 (PCT/FR2017/050399)
[87] (WO2017/144820)
[30] FR (1651554) 2016-02-25

---

[21] **3,012,425**
[13] A1
[51] **Int.Cl. C12Q 1/04 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **DIGITAL MICROBIOLOGY**
[54] **MICROBIOLOGIE NUMERIQUE**
[72] QUIRING, CHRISTOPHE, FR
[72] FAVIER, CHRISTINE, FR
[72] SARFATI, PATRICE, FR
[72] MOUSCADET, JEAN FRANCOIS, FR
[72] LEBOFSKY, RONALD, FR
[72] DIEVART, REBECCA, FR
[71] BIO-RAD INNOVATIONS, FR
[71] BIO-RAD LABORATORIES, INC., US
[85] 2018-07-24
[86] 2017-01-25 (PCT/IB2017/000086)
[87] (WO2017/130059)
[30] US (62/286,897) 2016-01-25

---

[21] **3,012,426**
[13] A1
[51] **Int.Cl. H01Q 25/00 (2006.01) H01Q 1/12 (2006.01) H01Q 9/04 (2006.01) H04B 7/145 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR RECEIVING AND RE-RADIATING ELECTROMAGNETIC SIGNALS**
[54] **DISPOSITIF ET PROCEDE DE RECEPTION ET DE RE-RAYONNEMENT DE SIGNAUX ELECTROMAGNETIQUES**
[72] MANSIKKAMAKI, JANNE, FI
[71] STEALTHCASE OY, FI
[85] 2018-07-24
[86] 2016-12-16 (PCT/FI2016/050893)
[87] (WO2017/129855)
[30] FI (20165050) 2016-01-27

---

[21] **3,012,427**
[13] A1
[51] **Int.Cl. E01C 7/26 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING A ROAD MAKING MATERIAL AND TO A ROAD MADE THEREFROM**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU DE CONSTRUCTION DE ROUTES ET ROUTE CONSTRUITE A PARTIR DE CELUI-CI**
[72] MCCARTNEY, TOBY, GB
[71] MACREBUR LIMITED, GB
[85] 2018-07-24
[86] 2017-01-24 (PCT/GB2017/050172)
[87] (WO2017/129962)
[30] GB (1601279.1) 2016-01-25

[21] **3,012,428**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEMS FOR INHALATION OF THERAUPEUTIC AND DIAGNOSTIC GAS AND METHODS OF USE THEREOF**
[54] **SYSTEMES D'INHALATION DE GAZ THERAPEUTIQUES ET DIAGNOSTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] FIGLEY, CURTIS, CA
[72] EINAV, LEVI, IL
[72] OPHIR, ATAI, IL
[72] AVGAY, YOSSEF, CA
[71] ADVANCED INHALATION THERAPIES (AIT) LTD., IL
[85] 2018-07-24
[86] 2017-01-27 (PCT/IB2017/000112)
[87] (WO2017/130062)
[30] US (62/287,652) 2016-01-27

---

[21] **3,012,429**
[13] A1
[51] **Int.Cl. G01V 1/48 (2006.01) G06T 17/05 (2011.01) E21B 47/00 (2012.01)**
[25] EN
[54] **HYBRID 3D GEOCELLULAR REPRESENTATION OF SELECTED NATURAL FRACTURE NETWORK SUBSETS**
[54] **REPRESENTATION GEO-CELLULAIRE 3D HYBRIDE DE SOUS-ENSEMBLES SELECTIONNES DE RESEAUX DE FRACTURES NATURELLES**
[72] KUMAR, AMIT, US
[72] BREWER, MICHAEL LOYD, US
[72] CAMILLERI, DOMINIC, US
[72] WARD, STEVEN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-07-24
[86] 2016-02-29 (PCT/US2016/020107)
[87] (WO2017/151100)

---

[21] **3,012,430**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) G01R 31/36 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **AUTOMATIC ADDRESSING OF BATTERY NODES IN A BATTERY SYSTEM**
[54] **ADRESSAGE AUTOMATIQUE DE N□UDS DE BATTERIE DANS UN SYSTEME DE BATTERIES**
[72] KRISHNAN, RAMKUMAR, US
[72] BANUELOS SOLIS, JAVIER EDUARDO, US
[72] FINK, SHAWN, US
[72] GOLDBERG, JONATHAN, US
[72] NADEN, MARK, US
[71] NANTENERGY, INC., US
[85] 2018-07-24
[86] 2017-01-30 (PCT/IB2017/050496)
[87] (WO2017/130175)
[30] US (62/288,506) 2016-01-29

---

[21] **3,012,431**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/32 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **SYRINGE**
[54] **SERINGUE**
[72] RA, YONG-KUK, KR
[71] RA, YONG-KUK, KR
[85] 2018-07-24
[86] 2017-01-13 (PCT/KR2017/000435)
[87] (WO2017/131370)
[30] KR (10-2016-0010355) 2016-01-27

---

[21] **3,012,432**
[13] A1
[51] **Int.Cl. B60K 28/06 (2006.01) B60T 7/14 (2006.01) B62D 55/065 (2006.01) E02F 9/20 (2006.01) G08B 21/06 (2006.01)**
[25] EN
[54] **TRACKED VEHICLE AND CONTROL METHOD OF THE SAME**
[54] **VEHICULE A CHENILLES ET SON PROCEDE DE COMMANDE**
[72] KIRCHMAIR, MARTIN, AT
[71] PRINOTH S.P.A., IT
[85] 2018-07-24
[86] 2017-02-06 (PCT/IB2017/050628)
[87] (WO2017/134636)
[30] IT (102016000012333) 2016-02-05

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[21] **3,012,433**
[13] A1
[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/26 (2006.01)**
[25] EN
[54] **IMPROVED PERFORMANCE NON-EMULSIFIERS THAT EMPLOY BRANCHED ALCOHOLS AND A NEW HIGH-SOLVENCY CARRIER OIL**
[54] **COMPOSITIONS DESEMULSIFIANTES AUX PERFORMANCES AMELIOREES QUI UTILISENT DES ALCOOLS RAMIFIES ET UNE NOUVELLE HUILE SUPPORT A HAUTE SOLVABILITE**
[72] HOLTSCLAW, JEREMY A., US
[72] ALWATTARI, ALI, US
[72] PALLA VENKATA, CHANDRA SEKHAR, US
[72] HOLAN, KRISTINA HENKEL, US
[72] KHAMATNUROVA, TATYANA V., US
[72] ANDERSON, KATELYN LEMM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-24
[86] 2016-04-15 (PCT/US2016/027839)
[87] (WO2017/151158)
[30] US (62/303,910) 2016-03-04

[21] **3,012,434**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ALKYL UNSATURATED FATTY ACID ESTER OIL AS A OIL COMPONENT IN THE FORMULATION AND APPLICATION OF SURFACTANT FLOWBACK AIDS FOR SUBTERRANEAN STIMULATION**
[54] **HUILE D'ESTER D'ACIDE GRAS INSATURE ALKYLIQUE COMME COMPOSANT HUILEUX DANS LA FORMULATION ET APPLICATION D'ADDITIFS DE DEGORGEMENT DE TENSIOACTIF POUR STIMULATION SOUTERRAINE**
[72] HOLTSCLAW, JEREMY A., US
[72] ALWATTARI, ALI, US
[72] PALLA VENKATA, CHANDRA SEKHAR, US
[72] KHAMATNUROVA, TATYANA V., US
[72] HOLAN, KRISTINA HENKEL, US
[72] ANDERSON, KATELYN LEMM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-24
[86] 2016-04-15 (PCT/US2016/027855)
[87] (WO2017/151159)
[30] US (62/303,961) 2016-03-04

[21] **3,012,435**
[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 29/30 (2016.01) A21D 13/00 (2017.01) A23L 2/60 (2006.01)**
[25] EN
[54] **SWEETENER HAVING INCREASED ACID RESISTANCE OF OLIGOSACCHARIDES, FOOD CONTAINING SAME, AND METHOD FOR INCREASING ACID RESISTANCE OF OLIGOSACCHARIDES**
[54] **EDULCORANT AYANT DES OLIGOSACCHARIDES PRESENTANT UNE RESISTANCE ACCRUE AUX ACIDES, ALIMENT LE CONTENANT ET PROCEDE POUR AUGMENTER LA RESISTANCE AUX ACIDES DES OLIGOSACCHARIDES**
[72] BAK, YOUN-KYUNG, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] CHOI, JONG MIN, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2018-07-24
[86] 2017-03-09 (PCT/KR2017/002601)
[87] (WO2017/155345)
[30] KR (10-2016-0028514) 2016-03-09

[21] **3,012,436**
[13] A1
[51] **Int.Cl. E04G 1/00 (2006.01) E04B 1/00 (2006.01) E04F 15/00 (2006.01) E04G 1/18 (2006.01) E04H 15/00 (2006.01) E04H 15/32 (2006.01) E04H 15/56 (2006.01)**
[25] EN
[54] **ENGINEERED FLOOR AND SCAFFOLD SYSTEMS**
[54] **PLANCHER D'INGENIERIE ET SYSTEMES D'ECHAFAUDAGE**
[72] FRANCIS, EINSTEIN B., US
[71] BILJAX INC., US
[85] 2018-07-24
[86] 2016-08-16 (PCT/US2016/047116)
[87] (WO2017/031093)
[30] US (62/207,121) 2015-08-19

[21] **3,012,437**
[13] A1
[51] **Int.Cl. A01N 37/46 (2006.01) A01N 63/02 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **MIXTURES AND COMPOSITIONS COMPRISING PAENIBACILLUS STRAINS OR FUSARICIDINS AND CHEMICAL PESTICIDES**
[54] **MELANGES ET COMPOSITIONS COMPRENANT DES SOUCHES DE PAENIBACILLUS OU DES FUSARICIDINES ET DES PESTICIDES CHIMIQUES**
[72] SIEPE, ISABELLA, DE
[72] LIEBMANN, BURGHARD, DE
[72] JABS, THORSTEN, DE
[72] SCHUSTER, ANNETTE, DE
[71] BASF SE, DE
[85] 2018-07-24
[86] 2017-02-06 (PCT/EP2017/052532)
[87] (WO2017/137351)
[30] EP (16154807.8) 2016-02-09

[21] **3,012,438**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61F 2/95 (2013.01) A61M 25/09 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **DEFORMABLE TIP FOR STENT DELIVERY AND METHODS OF USE**
[54] **POINTE DEFORMABLE POUR ADMINISTRATION D'ENDOPROTHESE ET PROCEDES D'UTILISATION**
[72] BAR, ELI, IL
[72] HAZAN, DROR, IL
[71] INSPIREMD, LTD., IL
[85] 2018-07-24
[86] 2017-01-31 (PCT/IB2017/050518)
[87] (WO2017/134562)
[30] US (62/290,031) 2016-02-02
[30] US (15/419,437) 2017-01-30

[21] **3,012,439**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 40/02 (2006.01)**
[25] EN
[54] **VEHICLE TRAVEL CONTROL METHOD AND VEHICLE TRAVEL CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] AOKI, MOTONOBU, JP
[72] FUJITA, SUSUMU, JP
[72] MISHINA, YOHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-24
[86] 2017-01-04 (PCT/JP2017/000050)
[87] (WO2017/130642)
[30] JP (2016-015813) 2016-01-29

---

[21] **3,012,440**
[13] A1
[51] **Int.Cl. D04C 7/00 (2006.01)**
[25] EN
[54] **UNIVERSAL HAND LOOM KIT FOR WEAVING AND CREATING EMBELLISHMENTS**
[54] **KIT DE METIER A MAIN UNIVERSEL POUR TISSAGE ET CREATION DE DECORATIONS**
[72] CLEMENT, CAROLYN, US
[71] ORCHARD YARN AND THREAD COMPANY, US
[85] 2018-07-24
[86] 2017-01-17 (PCT/US2017/013723)
[87] (WO2017/132001)
[30] US (15/006,393) 2016-01-26

---

[21] **3,012,441**
[13] A1
[51] **Int.Cl. B61D 7/28 (2006.01) B61D 7/00 (2006.01) B61D 7/16 (2006.01) B61D 7/20 (2006.01) B61D 7/24 (2006.01)**
[25] EN
[54] **RAILROAD HOPPER CAR DISCHARGE GATE ASSEMBLY AND RELATED METHOD FOR CONTROLLING DISCHARGE OF MATERIAL FROM A RAILROAD HOPPER CAR**
[54] **ENSEMBLE REGISTRE DE VIDANGE DE WAGON-TREMIE FERROVIAIRE, ET PROCEDE ASSOCIE POUR COMMANDER LE DECHARGEMENT DE MATERIAU D'UN WAGON-TREMIE FERROVIAIRE**
[72] SENN, BRIAN A., US
[72] EARNEST, NICHOLAS, B., US
[71] MINER ENTERPRISES, INC., US
[71] POWERBRACE CORPORATION, US
[85] 2018-07-24
[86] 2016-12-01 (PCT/US2016/064327)
[87] (WO2017/100067)
[30] US (14/961,099) 2015-12-07

---

[21] **3,012,442**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **HELICAL BONE GRAFT CONTAINMENT CAGE**
[54] **CAGE DE RETENUE DE GREFFON OSSEUX**
[72] DANIEL, STEFFAN, CH
[72] FURRER, ANDRE, CH
[72] LARSEN, SCOTT, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-07-24
[86] 2017-01-19 (PCT/US2017/014029)
[87] (WO2017/132039)
[30] US (62/288,273) 2016-01-28

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[21] **3,012,443**
[13] A1
[51] **Int.Cl. C07C 233/23 (2006.01) C07C 233/41 (2006.01) C07C 235/36 (2006.01) C07C 271/24 (2006.01) C07C 311/06 (2006.01) C07C 317/30 (2006.01) C07D 205/04 (2006.01) C07D 231/12 (2006.01) C07D 231/14 (2006.01) C07D 237/14 (2006.01) C07D 239/42 (2006.01) C07D 261/10 (2006.01) C07D 309/08 (2006.01) C07D 309/14 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED 2-PHENYL-2,3-DIHYDRO-1H-INDEN-2-YL-PROPIONAMIDES AS MGLUR7 MODULATORS**
[54] **2-PHENYL-2,3-DIHYDRO-1H-INDEN-2-YL-PROPIONAMIDES SUBSTITUES COMME MODULATEURS DE MGLUR7**
[72] GOLDBY, ANNE, GB
[72] LIWICKI, GEMMA, GB
[72] MACK, STEPHEN, GB
[72] TEALL, MARTIN, GB
[72] WHITE, KATY, GB
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-07-24
[86] 2017-01-24 (PCT/JP2017/003078)
[87] (WO2017/131221)
[30] GB (1601301.3) 2016-01-25

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[21] **3,012,444**
[13] A1
[51] **Int.Cl. A61M 31/00 (2006.01) A61M 5/172 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **VISUALIZATION AND ANALYSIS TOOL FOR A DRUG DELIVERY SYSTEM**
[54] **OUTIL DE VISUALISATION ET D'ANALYSE POUR UN SYSTEME D'ADMINISTRATION DE MEDICAMENT**
[72] FINAN, DANIEL, US
[72] VERESHCHETIN, PAVEL, US
[71] ANIMAS CORPORATION, US
[85] 2018-07-24
[86] 2017-01-20 (PCT/US2017/014291)
[87] (WO2017/136155)
[30] US (62/291,792) 2016-02-05

[21] **3,012,445**
[13] A1
[51] **Int.Cl. C12Q 1/22 (2006.01) A61L 2/28 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **CAPACITOR FOR DETECTING VIABLE MICROORGANISMS**
[54] **CONDENSATEUR SERVANT A DETECTER DES MICRO-ORGANISMES VIABLES**
[72] CENTANNI, MICHAEL A., US
[72] FRANCISKOVICH, PHILLIP P., US
[72] FIX, KATHLEEN A., US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2018-07-24
[86] 2016-12-12 (PCT/US2016/066104)
[87] (WO2017/131872)
[30] US (62/286,621) 2016-01-25
[30] US (62/425,745) 2016-11-23
[30] US (15/375,256) 2016-12-12

[21] **3,012,446**
[13] A1
[51] **Int.Cl. G06F 9/30 (2018.01) G06F 9/38 (2018.01)**
[25] EN
[54] **UNIFORM PREDICATES IN SHADERS FOR GRAPHICS PROCESSING UNITS**
[54] **PREDICATS UNIFORMES DANS DES SHADERS POUR UNITES DE TRAITEMENT GRAPHIQUE**
[72] GRUBER, ANDREW EVAN, US
[72] ARGADE, PRAMOD VASANT, US
[72] WU, JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-24
[86] 2017-01-09 (PCT/US2017/012748)
[87] (WO2017/142642)
[30] US (15/048,599) 2016-02-19

[21] **3,012,447**
[13] A1
[51] **Int.Cl. C22C 38/12 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR CAN AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER POUR CANETTES ET SON PROCEDE DE FABRICATION**
[72] TADA, MASAKI, JP
[72] KOJIMA, KATSUMI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-07-24
[86] 2017-02-02 (PCT/JP2017/003748)
[87] (WO2017/150066)
[30] JP (2016-038201) 2016-02-29

[21] **3,012,448**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 24/10 (2009.01) H04B 7/0408 (2017.01) H04B 7/06 (2006.01) H04B 7/08 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **COMMUNICATION OF UPLINK CONTROL INFORMATION**
[54] **COMMUNICATION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] CEZANNE, JUERGEN, US
[72] SADIQ, BILAL, US
[72] LI, JUNYI, US
[72] LUO, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-24
[86] 2017-01-20 (PCT/US2017/014442)
[87] (WO2017/142676)
[30] US (62/297,863) 2016-02-20
[30] US (62/314,959) 2016-03-29
[30] US (62/327,436) 2016-04-25
[30] US (15/242,153) 2016-08-19

[21] **3,012,449**
[13] A1
[51] **Int.Cl. A45D 40/30 (2006.01) A45D 33/26 (2006.01) A45D 40/22 (2006.01) A45D 44/00 (2006.01)**
[25] EN
[54] **COSMETIC APPLICATOR TOOL AND CONTAINER SYSTEM**
[54] **SYSTEME DE RECIPIENT ET D'OUTIL APPLICATEUR COSMETIQUE**
[72] SILVA, REA ANN, US
[71] REA.DEEMING BEAUTY, INC. DBA BEAUTYBLENDER, US
[85] 2018-07-24
[86] 2017-01-10 (PCT/US2017/012851)
[87] (WO2017/131949)
[30] US (29/552,719) 2016-01-25
[30] US (29/556,321) 2016-02-29

[21] **3,012,450**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **DUAL OPTIC, CURVATURE CHANGING ACCOMMODATIVE IOL HAVING A FIXED DISACCOMMODATED REFRACTIVE STATE**
[54] **LENTILLE INTROCULAIRE (LIO) ACCOMMODATIVE A DOUBLE OPTIQUE ET A CHANGEMENT DE COURBURE PRESENTANT UN ETAT DE REFRACTION FIXE SANS ACCOMMODATION**
[72] COLLINS, STEPHEN, US
[72] BORJA, DAVID, US
[72] LIU, JIAN, US
[72] WENSRICH, DOUGLAS B., US
[72] SINGH, SUDARSHAN, US
[72] DOLLA, WILLIAM, US
[71] NOVARTIS AG, CH
[85] 2018-07-24
[86] 2017-02-16 (PCT/IB2017/050885)
[87] (WO2017/153857)
[30] US (15/064,363) 2016-03-08

[21] **3,012,451**
[13] A1
[51] **Int.Cl. A41D 13/06 (2006.01) A61F 5/02 (2006.01)**
[25] EN
[54] **KNEE SUPPORTER AND GARMENT**
[54] **ELEMENT DE SOUTIEN DE GENOU ET VETEMENT**
[72] ITO, TOMOAKI, JP
[72] TAKEUCHI, AYA, JP
[72] IIDA, KENJI, JP
[72] YASUI, MOTOYASU, JP
[72] ITO, SHIORI, JP
[72] NAKAI, KAZUOKI, JP
[72] KOKIDO, FUMIHIKO, JP
[72] SAIKAWA, FUMIAKI, JP
[71] MITSUI CHEMICALS, INC., JP
[85] 2018-07-24
[86] 2017-02-06 (PCT/JP2017/004286)
[87] (WO2017/135473)
[30] JP (2016-020144) 2016-02-04
[30] JP (2016-236069) 2016-12-05

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[21] **3,012,452**
[13] A1
[51] **Int.Cl. C08J 9/36 (2006.01) C09D 5/18 (2006.01)**
[25] EN
[54] **POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING**
[54] **PLAQUE EN MOUSSE POLYMERE A REVETEMENT INTUMESCENT SOUPLE RESISTANT A L'EAU**
[72] SONG, XIAOMEI, CN
[72] REN, DAKAI, US
[72] CHEN, HONGYU, CN
[72] ALCOTT, JEFFREY M., US
[72] BARGER, MARK A., US
[72] ZHANG, YI, CN
[72] HERST, ERNEST J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-07-24
[86] 2017-01-16 (PCT/US2017/013641)
[87] (WO2017/131995)
[30] US (62/288,474) 2016-01-29

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[21] **3,012,453**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) C08F 10/02 (2006.01) C08F 10/08 (2006.01) C08F 10/14 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **POLYOLEFIN FILM WITH IMPROVED TOUGHNESS**
[54] **FILM DE POLYOLEFINE A TENACITE AMELIOREE**
[72] MURE, CLIFF R., US
[72] LI, DONGMING, US
[72] KOPP, BARBARA J., US
[72] GOODE, MARK G., US
[71] UNIVATION TECHNOLOGIES, LLC., US
[85] 2018-07-24
[86] 2017-01-23 (PCT/US2017/014556)
[87] (WO2017/132092)
[30] US (62/288,892) 2016-01-29

---

[21] **3,012,454**
[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01) C08J 5/18 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **FILMS, AND RELATED COMPOSITIONS AND METHODS OF MAKING**
[54] **FILMS, ET COMPOSITIONS APPARENTEES ET PROCEDES DE PREPARATION**
[72] NIETO, JESUS, ES
[72] LLOP, COSME, ES
[72] MANRIQUE, ANTONIO, ES
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-07-24
[86] 2017-01-17 (PCT/US2017/013708)
[87] (WO2017/131998)
[30] EP (16382033.5) 2016-01-29

---

[21] **3,012,455**
[13] A1
[51] **Int.Cl. G01N 33/28 (2006.01) E21B 47/135 (2012.01) E21B 47/00 (2012.01) E21B 47/10 (2012.01) E21B 47/12 (2012.01) G01S 13/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR IMPROVING OILFIELD OPERATIONS**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LES EXPLOITATIONS DES CHAMPS PETROLIFERES**
[72] MCMANAMON, PAUL F., US
[72] WILLS, STEPHEN J., US
[71] EXCITING TECHNOLOGY, LLC, US
[85] 2018-07-24
[86] 2017-01-24 (PCT/US2017/014669)
[87] (WO2017/127848)
[30] US (62/286,397) 2016-01-24

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[21] **3,012,456**
[13] A1
[51] **Int.Cl. A61B 1/005 (2006.01) A61B 1/00 (2006.01) A61B 1/008 (2006.01)**
[25] EN
[54] **ENDOSCOPE DEVICE AND METHOD**
[54] **DISPOSITIF ENDOSCOPIQUE ET PROCEDE ASSOCIE**
[72] WEITZNER, BARRY, US
[72] DEVRIES, ROBERT, US
[72] ANDERSSON, NIKLAS, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2018-07-24
[86] 2017-01-26 (PCT/US2017/015146)
[87] (WO2017/132386)
[30] US (62/287,667) 2016-01-27

[21] **3,012,457**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **CONTROL OF HYDRAULIC POWER FLOWRATE FOR MANAGED PRESSURE DRILLING**
[54] **COMMANDE DU DEBIT D'ENERGIE HYDRAULIQUE POUR FORAGE SOUS PRESSION CONTROLEE**
[72] NORTHAM, PAUL R., US
[72] DILLARD, WALTER S., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-07-24
[86] 2017-01-24 (PCT/US2017/014687)
[87] (WO2017/136185)
[30] US (15/017,418) 2016-02-05

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[21] **3,012,458**
[13] A1
[51] **Int.Cl. C08J 3/12 (2006.01) C08J 3/28 (2006.01) C08L 27/18 (2006.01) C08L 29/10 (2006.01) C08L 71/00 (2006.01)**
[25] EN
[54] **AN ARTICLE AND METHOD FOR MAKING SAME**
[54] **ARTICLE ET PROCEDE POUR LE FABRIQUER**
[72] MORRIS, TIMOTHY J., US
[72] CURRAN, DONALD G., US
[72] ST. GERMAIN, DAVID R., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2018-07-24
[86] 2017-01-27 (PCT/US2017/015466)
[87] (WO2017/132587)
[30] US (62/288,050) 2016-01-28

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[21] **3,012,459**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 13/08 (2006.01) C07K 14/195 (2006.01)**
[25] EN
[54] **A METHOD FOR TARGETED INTRAPROSTATIC ADMINISTRATION OF PRX302 FOR TREATMENT OF PROSTATE CANCER**
[54] **METHODE D'ADMINISTRATION INTRA-PROSTATIQUE CIBLEE DE PRX302 POUR LE TRAITEMENT D'UN CANCER DE LA PROSTATE**
[72] HULME, ALLISON J., US
[72] AHMED, HASH, GB
[72] EMBERTON, MARK, GB
[71] SOPHIRIS BIO INC., CA
[85] 2018-07-24
[86] 2017-01-27 (PCT/US2017/015495)
[87] (WO2017/132610)
[30] US (62/287,873) 2016-01-27

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[21] **3,012,460**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS TO FACILITATE PICKING UP A RETAIL ITEM**
[54] **PROCEDE ET APPAREIL FACILITANT L'ENLEVEMENT D'UN ARTICLE AU DETAIL**
[72] KURTZ, TINA M., US
[72] GRAHAM, KYLE F., US
[72] NELMS, DAVID M., US
[72] GARMAN, STEPHANIE, US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-24
[86] 2017-01-24 (PCT/US2017/014706)
[87] (WO2017/132130)
[30] US (62/286,751) 2016-01-25

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[21] **3,012,461**
[13] A1
[51] **Int.Cl. B01J 21/10 (2006.01) B01J 23/30 (2006.01) C07C 5/25 (2006.01) C07C 6/04 (2006.01) C07C 11/06 (2006.01)**
[25] EN
[54] **CATALYSTS AND METHODS FOR PRODUCING PROPYLENE FROM ETHYLENE AND BUTENE**
[54] **CATALYSEURS ET PROCEDES DE PRODUCTION DE PROPYLENE A PARTIR D'ETHYLENE ET DE BUTENE**
[72] ZHANG, LEI, US
[72] WHITE, DANIEL F., US
[71] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
[85] 2018-07-24
[86] 2017-01-24 (PCT/US2017/014749)
[87] (WO2017/132150)
[30] US (62/288,954) 2016-01-29

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[21] **3,012,462**
[13] A1
[51] **Int.Cl. G08G 1/0962 (2006.01) G08G 1/0967 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A SPEED WARNING AND SPEED CONTROL**
[54] **SYSTEME ET PROCEDE POUR ASSURER UN AVERTISSEMENT DE VITESSE ET UNE REGULATION DE VITESSE**
[72] CUSTER, ROBERT J., US
[72] PILKINGTON, ANDREW J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2018-07-24
[86] 2017-01-30 (PCT/US2017/015553)
[87] (WO2017/132645)
[30] US (15/011,529) 2016-01-30

[21] **3,012,463**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/04 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR ANALYZING FUNCTIONAL IMAGING DATA**
[54] **METHODE ET SYSTEMES POUR ANALYSER DES DONNEES D'IMAGERIE FONCTIONNELLE**
[72] LEE, JIN HYUNG, US
[72] BERNAL-CASAS, DAVID, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY, US
[85] 2018-07-24
[86] 2017-01-30 (PCT/US2017/015659)
[87] (WO2017/136285)
[30] US (62/289,741) 2016-02-01

[21] **3,012,464**
[13] A1
[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **EXPOSED ENERGETIC DEVICE INITIATION VIA TUBING CONVEYED FIRING MECHANISM**
[54] **AMORCAGE DE DISPOSITIF ENERGETIQUE EXPOSE PAR L'INTERMEDIAIRE D'UN MECANISME DE DECLENCHEMENT FONCTIONNANT AU TRAVERS DU TUBAGE**
[72] SEGURA, JOHN W., US
[72] HICKS, CLIFFORD L., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-07-24
[86] 2017-01-30 (PCT/US2017/015624)
[87] (WO2017/136274)
[30] US (15/015,343) 2016-02-04

[21] **3,012,465**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USE FOR THE TREATMENT OR PREVENTION OF TYPE 1 DIABETES**
[54] **ANTICORPS ANTI-TNF, COMPOSITIONS, METHODES ET UTILISATION POUR LE TRAITEMENT OU LA PREVENTION DU DIABETE DE TYPE 1**
[72] HEDRICK, JOSEPH, US
[72] HSIA, ELIZABETH, US
[72] IMM, PAUL, US
[72] LEU, JOCELYN, US
[72] PAXSON, BETHANY, US
[72] RIGBY, MARK, US
[72] ZHENG, SONGMAO, US
[72] ZOKA, RAMINEH, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-07-24
[86] 2017-02-02 (PCT/US2017/016175)
[87] (WO2017/136524)
[30] US (62/291,673) 2016-02-05

[21] **3,012,466**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 47/68 (2017.01) A61P 3/00 (2006.01) C07K 14/00 (2006.01) C07K 14/435 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **USE OF CD24 PROTEINS FOR TREATING LEPTIN-DEFICIENT CONDITIONS**
[54] **UTILISATION DE PROTEINES CD24 POUR TRAITER DES PATHOLOGIES A DEFICIENCE EN LEPTINE**
[72] LIU, YANG, US
[72] ZHENG, PAN, US
[72] DEVENPORT, MARTIN, US
[71] ONCOIMMUNE, INC., US
[85] 2018-07-24
[86] 2017-02-02 (PCT/US2017/016120)
[87] (WO2017/136492)
[30] US (62/290,202) 2016-02-02

[21] **3,012,467**
[13] A1
[51] **Int.Cl. C05F 11/02 (2006.01) C08H 99/00 (2010.01)**
[25] EN
[54] **SEMI-HUMIC ORGANIC CARBON MATERIAL AND METHODS OF USE THEREOF**
[54] **MATERIAU DE CARBONE ORGANIQUE SEMI-HUMIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] REZAI, TAHA, US
[72] BREEN, JOHN, US
[72] GERECKE, THOMAS J., US
[72] HE, QINGWEN, US
[72] ABERCROMBIE, MARGARET MAE, US
[72] HER, SUSAN, US
[72] DIERKING, RYAN, US
[72] CRAWFORD, GREGORY A., US
[72] BAYER, MONTELL L., US
[71] ACTAGRO, LLC, US
[85] 2018-07-24
[86] 2017-02-02 (PCT/US2017/016237)
[87] (WO2017/136566)
[30] US (62/290,879) 2016-02-03
[30] US (62/445,686) 2017-01-12

[21] **3,012,468**
[13] A1
[51] **Int.Cl. B67D 1/00 (2006.01) A47J 31/40 (2006.01) F25C 5/00 (2018.01)**
[25] EN
[54] **VERTICAL BEVERAGE DISPENSING MANIFOLDS, DISPENSERS INCLUDING THE SAME, AND METHODS OF DISPENSING A BEVERAGE**
[54] **COLLECTEURS DE DISTRIBUTION DE BOISSON VERTICAUX, DISTRIBUTEURS LES COMPRENANT, ET PROCEDES DE DISTRIBUTION DE BOISSON**
[72] JERSEY, STEVEN T., US
[72] HEADEN, STEVEN, US
[72] JONES, BRIAN C., US
[72] FERNALD, CHRIS, US
[72] SELLMANN, OLGA, US
[71] PEPSICO, INC., US
[85] 2018-07-24
[86] 2017-02-02 (PCT/US2017/016223)
[87] (WO2017/136555)
[30] US (15/016,466) 2016-02-05

[21] **3,012,469**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **SMART AUTO RESET FOR DIGITAL POSITIONERS CONNECTED TO A LOCAL CONTROL PANEL OR PUSH BUTTON**
[54] **REINITIALISATION AUTOMATIQUE INTELLIGENTE POUR POSITIONNEUR NUMERIQUE CONNECTE A UN TABLEAU DE COMMANDE LOCAL OU BOUTON POUSSOIR**
[72] AMIRTHASAMY, STANLEY FELIX, US
[72] SNOWBARGER, JIMMIE LEE, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-07-24
[86] 2017-01-25 (PCT/US2017/014801)
[87] (WO2017/132181)
[30] US (15/005,087) 2016-01-25

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[21] **3,012,470**
[13] A1
[51] **Int.Cl. G07B 15/02 (2011.01) G06Q 20/40 (2012.01) G08G 1/14 (2006.01)**
[25] EN
[54] **PARKING VALIDATION WITH INTELLIGENT PARKING METERS**
[54] **VALIDATION DE STATIONNEMENT AU MOYEN DE PARCOMETRES INTELLIGENTS**
[72] KELLEY, RICHARD W., II, US
[72] COLLINS, DAVID E., JR., US
[72] SCHMIDT, MARCUS N., US
[72] LANE, STEVEN B., US
[72] PANDIAN, UMARANI, US
[72] LEIER, JOHN J., US
[72] MORAN, MARK J., US
[71] MUNICIPAL PARKING SERVICES, INC., US
[85] 2018-07-24
[86] 2017-01-26 (PCT/US2017/015151)
[87] (WO2017/132390)
[30] US (62/287,354) 2016-01-26

---

[21] **3,012,471**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DIGITAL MEDIA CONTENT EXTRACTION NATURAL LANGUAGE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE LANGAGE NATUREL A EXTRACTION DE CONTENU MULTIMEDIA NUMERIQUE**
[72] ELCHIK, MICHAEL E., US
[72] CARBONELL, JAIME G., US
[72] WILSON, CATHY, US
[72] PAWLOWSKI, ROBERT J., JR., US
[72] JONES, DAFYD, US
[71] WESPEKE, INC., US
[85] 2018-07-24
[86] 2017-01-25 (PCT/US2017/014885)
[87] (WO2017/132228)
[30] US (62/286,661) 2016-01-25
[30] US (62/331,490) 2016-05-04
[30] US (62/428,260) 2016-11-30

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[21] **3,012,472**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RECOMBINANT CXADR EXPRESSION**
[54] **COMPOSITIONS ET METHODES POUR L'EXPRESSION DU CXADR RECOMBINE**
[72] SOON-SHIONG, PATRICK, US
[72] RABIZADEH, SHAHROOZ, US
[72] NIAZI, KAYVAN, US
[71] NANT HOLDINGS IP, LLC, US
[71] NANTCELL, INC., US
[85] 2018-07-24
[86] 2017-02-03 (PCT/US2017/016543)
[87] (WO2017/136748)
[30] US (62/291,999) 2016-02-05

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[21] **3,012,473**
[13] A1
[51] **Int.Cl. E04B 9/00 (2006.01) E04B 9/18 (2006.01) E04B 9/24 (2006.01)**
[25] EN
[54] **A SUSPENDED WALL TRACK SYSTEM**
[54] **SYSTEME DE RAIL POUR MUR SUSPENDU**
[72] HERNANDEZ, ARTHUR S., SR., US
[71] HERNANDEZ, ARTHUR S., SR., US
[85] 2018-07-24
[86] 2017-02-03 (PCT/US2017/016559)
[87] (WO2017/139204)
[30] US (15/018,720) 2016-02-08

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[21] **3,012,474**
[13] A1
[51] **Int.Cl. B60N 2/60 (2006.01) B60N 2/90 (2018.01) A47D 5/00 (2006.01) A47G 9/06 (2006.01) B60N 2/28 (2006.01) B60N 2/32 (2006.01) B60N 2/58 (2006.01) B60N 3/00 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR TEMPORARY PLACEMENT OF A LIVING OBJECT ON A SEAT**
[54] **APPAREILS, SYSTEMES ET PROCEDES PERMETTANT UNE MISE EN PLACE TEMPORAIRE D'UN OBJET VIVANT SUR UN SIEGE**
[72] CHEUNG, CHRISTINE, US
[71] BEANKO LLC, US
[85] 2018-07-24
[86] 2017-02-03 (PCT/US2017/016593)
[87] (WO2017/136783)
[30] US (62/291,370) 2016-02-04

[21] **3,012,475**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **SIMPLIFIED INSTANCES OF VIRTUAL PHYSIOLOGICAL SYSTEMS FOR INTERNET OF THINGS PROCESSING**
[54] **INSTANCES SIMPLIFIEES DE SYSTEMES PHYSIOLOGIQUES VIRTUELS POUR TRAITEMENT DE L'INTERNET DES CHOSES**
[72] OLIVIER, LAURENCE RICHARD, US
[72] DU PREEZ, FRANCO BAUER, GB
[72] CONRADIE, RIAAN, US
[72] UYS, GERRIDA MATHILDA, ZA
[71] LIFEQ GLOBAL LIMITED, IE
[85] 2018-07-24
[86] 2017-01-25 (PCT/US2017/014897)
[87] (WO2017/132236)
[30] US (62/286,577) 2016-01-25

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[21] **3,012,476**
[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/524 (2006.01) C10L 3/10 (2006.01) E21B 37/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **WELL TREATMENT METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE PUITS**
[72] PISANOVA, ELENA, US
[72] ROVISON, JOHN M., US
[71] PEROXYCHEM LLC, US
[85] 2018-07-24
[86] 2017-01-25 (PCT/US2017/014930)
[87] (WO2017/132253)
[30] US (62/286,765) 2016-01-25

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[21] **3,012,477**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 15/08 (2006.01)**
[25] EN
[54] **MEDICAMENT DELIVERY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ADMINISTRATION DE MEDICAMENT**
[72] ISAACS, ARI, US
[71] IP MED, INC., US
[71] ACERUS BIOPHARMA INC., CA
[85] 2018-07-24
[86] 2017-02-06 (PCT/US2017/016706)
[87] (WO2017/136825)
[30] US (62/291,107) 2016-02-04
[30] US (62/404,878) 2016-10-06

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[21] **3,012,478**
[13] A1
[51] **Int.Cl. B01D 35/30 (2006.01) B01D 29/13 (2006.01) B01D 46/00 (2006.01)**
[25] EN
[54] **BREAK-AWAY FILTER HOUSING APPARATUS**
[54] **APPAREIL DE LOGEMENT DE FILTRE DETACHABLE**
[72] ADRIAN, KENNETH D., US
[72] LIN, ZHENWU, US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2018-07-24
[86] 2017-01-25 (PCT/US2017/014998)
[87] (WO2017/132293)
[30] US (62/286,762) 2016-01-25

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[21] **3,012,479**
[13] A1
[51] **Int.Cl. B65D 71/14 (2006.01) B65D 5/02 (2006.01) B65D 71/32 (2006.01) B65D 71/36 (2006.01)**
[25] EN
[54] **CARTON WITH HANDLE**
[54] **CARTON A POIGNEE**
[72] SMALLEY, BRIAN, GB
[72] NIELSEN, JOHN CARSTEN, AU
[72] YEOMANS, RENAE KYLIE, AU
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-07-24
[86] 2017-02-13 (PCT/US2017/017606)
[87] (WO2017/139732)
[30] US (62/294,562) 2016-02-12

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[21] **3,012,480**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/36 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **METHOD TO ESTIMATE AND REMOVE DIRECT ARRIVALS FROM ARRAYED MARINE SOURCES**
[54] **PROCEDE D'ESTIMATION ET DE SUPPRESSION D'ARRIVEES DIRECTES A PARTIR DE SOURCES MARINES EN RESEAU**
[72] ANDERSON, JOHN E., US
[72] NORRIS, MICHAEL W., US
[72] WANG, HAIYANG, US
[72] CHA, YOUNG HO, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-07-24
[86] 2017-02-08 (PCT/US2017/016972)
[87] (WO2017/160424)
[30] US (62/309,062) 2016-03-16

---

[21] **3,012,481**
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **COMMUNICATION OF UPLINK CONTROL INFORMATION**
[54] **COMMUNICATION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SUBRAMANIAN, SUNDAR, US
[72] CEZANNE, JUERGEN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-24
[86] 2017-02-14 (PCT/US2017/017838)
[87] (WO2017/142880)
[30] US (62/297,861) 2016-02-20
[30] US (15/224,122) 2016-07-29
[30] US (62/438,196) 2016-12-22

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[21] **3,012,482**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE HAVING MULTI-LEVEL SEALING MEMBER**
[54] **VALVULE CARDIAQUE PROTHETIQUE AYANT UN ELEMENT D'ETANCHEITE A MULTIPLES NIVEAUX**
[72] COHEN-TZEMACH, HANOCH, US
[72] LEVI, TAMIR S., US
[72] NIR, NOAM, US
[72] FELSEN, BELLA, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-07-24
[86] 2017-02-09 (PCT/US2017/017172)
[87] (WO2017/139460)
[30] US (62/294,739) 2016-02-12
[30] US (15/425,029) 2017-02-06

[21] **3,012,483**
[13] A1
[51] **Int.Cl. B65H 1/00 (2006.01) B01D 29/23 (2006.01) B29C 45/00 (2006.01) C02F 3/30 (2006.01) E03F 3/00 (2006.01) F16L 11/00 (2006.01)**
[25] EN
[54] **MODULAR LIQUID WASTE TREATMENT INTEGRATED FIN MEMBERS, STRUCTURE, ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **ELEMENTS D'AILETTE INTEGRES MODULAIRES DE TRAITEMENT DE DECHETS LIQUIDES, STRUCTURE, ENSEMBLE ET PROCEDE DE FABRICATION**
[72] PRESBY, DAVID WILLIAM, US
[71] PRESBY PATENT TRUST, US
[85] 2018-07-24
[86] 2017-02-16 (PCT/US2017/018109)
[87] (WO2017/143020)
[30] US (62/295,821) 2016-02-16

---

[21] **3,012,484**
[13] A1
[51] **Int.Cl. B65D 71/36 (2006.01) B65D 5/02 (2006.01) B65D 5/42 (2006.01) B65D 5/468 (2006.01) B65D 5/54 (2006.01) B65D 71/32 (2006.01)**
[25] EN
[54] **CARTON WITH HANDLE**
[54] **CARTON A POIGNEE**
[72] NIELSEN, JOHN CARSTEN, AU
[72] YEOMANS, RENAE KYLIE, AU
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-07-24
[86] 2017-02-13 (PCT/US2017/017607)
[87] (WO2017/139733)
[30] US (62/294,552) 2016-02-12

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[21] **3,012,485**
[13] A1
[51] **Int.Cl. E03F 5/14 (2006.01) B01D 21/00 (2006.01)**
[25] EN
[54] **FOLDABLE AND REMOVABLE PARTITION ASSEMBLY FOR SEPTIC TANK**
[54] **ENSEMBLE DE SEPARATION PLIABLE ET AMOVIBLE POUR FOSSE SEPTIQUE**
[72] PRESBY, DAVID WILLIAM, US
[72] RASHKIN, LEE, US
[72] VLK, JOHN, US
[71] PRESBY PATENT TRUST, US
[85] 2018-07-24
[86] 2017-02-16 (PCT/US2017/018125)
[87] (WO2017/143031)
[30] US (62/295,835) 2016-02-16

---

[21] **3,012,486**
[13] A1
[51] **Int.Cl. E04H 3/28 (2006.01) F16B 2/14 (2006.01) F16B 12/40 (2006.01) F16B 12/52 (2006.01)**
[25] EN
[54] **PORTABLE STAGE SYSTEM**
[54] **SYSTEME DE SCENE PORTATIVE**
[72] EDMAN, MATTHEW NEAL, US
[71] SICO INCORPORATED, US
[85] 2018-07-24
[86] 2017-02-16 (PCT/US2017/018115)
[87] (WO2017/143025)
[30] US (62/296,469) 2016-02-17

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[21] **3,012,487**
[13] A1
[51] **Int.Cl. B60K 11/08 (2006.01) B60K 5/02 (2006.01) B60K 11/04 (2006.01) B62D 23/00 (2006.01) B62D 25/08 (2006.01) B62D 61/06 (2006.01)**
[25] EN
[54] **THREE WHEELED VEHICLE**
[54] **VEHICULE A TROIS ROUES**
[72] MARKO, SHANE, US
[71] POLARIS INDUSTRIES INC, US
[85] 2018-07-24
[86] 2017-02-13 (PCT/US2017/017609)
[87] (WO2017/139735)
[30] US (15/043,335) 2016-02-12

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[21] **3,012,488**
[13] A1
[51] **Int.Cl. B01J 3/00 (2006.01) G01F 23/02 (2006.01) G01P 13/00 (2006.01) G02B 7/00 (2006.01)**
[25] EN
[54] **SIGHT GLASS**
[54] **REGARD**
[72] NAVABI, AARASH, US
[71] L.J. STAR INCORPORATED, US
[85] 2018-07-24
[86] 2017-02-22 (PCT/US2017/018880)
[87] (WO2017/147154)
[30] US (62/298,172) 2016-02-22

---

[21] **3,012,489**
[13] A1
[51] **Int.Cl. G01N 1/31 (2006.01) B01L 3/02 (2006.01) G01F 15/075 (2006.01) G01N 15/14 (2006.01) G01F 22/00 (2006.01) G01N 15/10 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPENSE CHARACTERIZATION**
[54] **SYSTEME ET PROCEDE DE CARACTERISATION DE DISTRIBUTION**
[72] EWONIUK, AARON, US
[72] MILLER, DYLAN, US
[72] TALUCCI, KEVIN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-07-24
[86] 2017-02-27 (PCT/US2017/019732)
[87] (WO2017/151516)
[30] US (62/301,221) 2016-02-29

[21] **3,012,490**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/00 (2016.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING SURGICAL GUIDANCE BASED ON POLARIZATION-SENSITIVE OPTICAL COHERENCE TOMOGRAPHY**
[54] **SYSTEME ET PROCEDE DE GUIDAGE CHIRURGICAL FONDE SUR LA TOMOGRAPHIE PAR COHERENCE OPTIQUE SENSIBLE A LA POLARISATION**
[72] PIRON, CAMERON ANTHONY, CA
[72] WOOD, MICHAEL FRANK GUNTHER, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-07-25
[86] 2016-02-05 (PCT/CA2016/050105)
[87] (WO2017/132745)

---

[21] **3,012,491**
[13] A1
[51] **Int.Cl. H04N 21/442 (2011.01) H04N 21/4725 (2011.01) H04N 21/854 (2011.01) G06Q 30/02 (2012.01) H04N 5/272 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESENTING VIDEO AND ASSOCIATED DOCUMENTS AND FOR TRACKING VIEWING THEREOF**
[54] **SYSTEME ET PROCEDE DE PRESENTATION DE VIDEO ET DE DOCUMENTS ASSOCIES ET POUR SUIVRE LEUR VISIONNAGE**
[72] EZZEDDINE, IMAD, CA
[71] IMPRESSVIEW INC., CA
[85] 2018-07-25
[86] 2016-12-23 (PCT/CA2016/051534)
[87] (WO2017/113012)
[30] US (62/272,089) 2015-12-29

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[21] **3,012,492**
[13] A1
[51] **Int.Cl. A61F 2/60 (2006.01) A61F 2/50 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **LOAD BEARING ASSISTANCE APPARATUS FOR LOWER EXTREMITY ORTHOTIC OR PROSTHETIC DEVICES**
[54] **APPAREIL D'ASSISTANCE AU SUPPORT DE CHARGE POUR DISPOSITIFS PROTHETIQUES OU ORTHETIQUES DES MEMBRES INFERIEURS**
[72] BILODEAU, KATIA, CA
[72] GILBERT, BENOIT, CA
[72] BEDARD, STEPHANE, CA
[71] B-TEMIA INC., CA
[85] 2018-07-25
[86] 2017-01-25 (PCT/CA2017/000017)
[87] (WO2017/127915)
[30] US (62/286,903) 2016-01-25

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[21] **3,012,493**
[13] A1
[51] **Int.Cl. E06B 9/60 (2006.01) E06B 9/24 (2006.01) E06B 9/322 (2006.01)**
[25] EN
[54] **WINDOW SHADE AND ACTUATING SYSTEM THEREOF**
[54] **STORE DE FENETRE ET SON SYSTEME D'ACTIONNEMENT**
[72] HUANG, CHIN-TIEN, TW
[72] HUANG, CHIEN-LAN, TW
[71] TEH YOR CO., LTD., TW
[85] 2018-07-24
[86] 2017-09-18 (PCT/US2017/051991)
[87] (WO2018/053390)
[30] TW (105130221) 2016-09-19

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[21] **3,012,494**
[13] A1
[51] **Int.Cl. H01L 31/18 (2006.01) H01L 31/032 (2006.01) H01L 31/0376 (2006.01) H01L 31/115 (2006.01) A61B 90/10 (2016.01) A61B 6/00 (2006.01)**
[25] EN
[54] **AMORPHOUS LEAD OXIDE BASED ENERGY DETECTION DEVICES AND METHODS OF MANUFACTURE THEREOF**
[54] **DISPOSITIFS DE DETECTION D'ENERGIE A BASE D'OXYDE DE PLOMB AMORPHE, ET LEURS PROCEDES DE FABRICATION**
[72] SEMENIUK, OLEKSII, CA
[72] REZNIK, ALLA, CA
[72] SUKHOVATKIN, VLAD, CA
[71] THUNDER BAY REGIONAL HEALTH RESEARCH INSTITUTE, CA
[85] 2018-07-25
[86] 2017-02-07 (PCT/CA2017/050136)
[87] (WO2017/136925)
[30] US (62/292,478) 2016-02-08

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[21] **3,012,495**
[13] A1
[51] **Int.Cl. B21C 47/18 (2006.01) B21C 47/34 (2006.01)**
[25] EN
[54] **SYSTEM FOR AND METHOD OF THREADING A METAL SUBSTRATE ON A ROLLING MILL**
[54] **SYSTEME ET PROCEDE DE FILETAGE D'UN SUBSTRAT METALLIQUE SUR UN LAMINOIR**
[72] HOBBIS, ANDREW JAMES, US
[72] PRALONG, ANTOINE JEAN WILLY, CH
[72] MICK, STEPHEN LEE, US
[72] BROWN, RODGER, US
[72] FINN, MARK, US
[72] KNELSEN, PETER, US
[72] LEE, TERRY, US
[72] ALDER, HANSJUERG, CH
[72] BECK, WILLIAM, US
[72] QUINTAL, ROBERTO, US
[72] IYER, NATASHA, US
[72] GEHO, JEFFREY EDWARD, US
[71] NOVELIS INC., US
[85] 2018-07-24
[86] 2017-09-27 (PCT/US2017/053813)
[87] (WO2018/064221)
[30] US (62/400,426) 2016-09-27
[30] US (62/505,948) 2017-05-14

[21] **3,012,496**
[13] A1
[51] **Int.Cl. F42D 1/04 (2006.01) B65H 75/28 (2006.01) B65H 75/14 (2006.01) B65H 75/22 (2006.01)**
[25] EN
[54] **SPOOL**
[54] **BOBINE**
[72] CRICHTON, ANDRE, ZA
[72] OLWAGE, PHILLIP, ZA
[72] KRUGER, JOHANNES PETRUS, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2018-07-24
[86] 2017-04-06 (PCT/ZA2017/050018)
[87] (WO2017/181206)
[30] ZA (2016/02408) 2016-04-11
[30] ZA (2017/00448) 2017-01-19

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[21] **3,012,502**
[13] A1
[51] **Int.Cl. A61K 31/716 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) C07H 3/04 (2006.01)**
[25] EN
[54] **USE OF TREHALOSE FOR TREATMENT OF NEUROLOGICAL DISEASES**
[54] **UTILISATION DE TREHALOSE POUR LE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] BROTCHIE, JONATHAN MICHAEL, CA
[72] HOWSON, PATRICK ALEXANDER, CA
[71] JUNAXO, INC., CA
[85] 2018-07-25
[86] 2017-02-03 (PCT/CA2017/050123)
[87] (WO2017/136922)
[30] US (62/292,505) 2016-02-08

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[21] **3,012,503**
[13] A1
[51] **Int.Cl. B01J 19/12 (2006.01) B03C 7/06 (2006.01) B07C 5/344 (2006.01) C22B 9/22 (2006.01)**
[25] EN
[54] **RECOVERY OF A METAL FROM OXIDIZED ORES AND PRIMARY AND SECONDARY SULPHIDE ORES AND OTHER COMPOSITIONS OF VALUABLE ORE**
[54] **RECUPERATION D'UN METAL A PARTIR DE MINERAUX OXYDES ET DE MINERAUX SULFURES PRIMAIRES ET SECONDAIRES, ET AUTRES COMPOSITIONS DE MINERAUX PRECIEUX**
[72] GOMEZ VERDEJO, GUILLERMO SEBASTIAN, CL
[71] QUANTUM MATRIX SPA, CL
[85] 2018-07-25
[86] 2016-05-20 (PCT/CL2016/050024)
[87] (WO2017/197540)

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[21] **3,012,507**
[13] A1
[51] **Int.Cl. F24C 15/18 (2006.01) A47J 37/06 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **KITCHEN APPLIANCE COMPRISING DRAWER**
[54] **APPAREIL DE CUISINE A TIROIR**
[72] ZHOU, JIANYI, CN
[72] ZHANG, YONGZHONG, CN
[72] LONG, JIAN, CN
[71] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2018-07-25
[86] 2016-03-30 (PCT/CN2016/077793)
[87] (WO2017/133070)
[30] CN (201610070836.8) 2016-02-01

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[21] **3,012,508**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12N 9/24 (2006.01) C12N 9/52 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **COMBINED USE OF AT LEAST ONE ENDO-PROTEASE AND AT LEAST ONE EXO-PROTEASE IN AN SSF PROCESS FOR IMPROVING ETHANOL YIELD**
[54] **UTILISATION COMBINEE D'AU MOINS UNE ENDOPROTEASE ET D'AU MOINS UNE EXOPROTEASE DANS UN PROCEDE DE FERMENTATION EN MILIEU SOLIDE POUR AMELIORER LE RENDEMENT D'ETHANOL**
[72] LI, MING, CN
[72] SOONG, CHEE-LEONG, US
[72] VIDAL, BERNARDO, JR., US
[72] FUKUYAMA, SHIRO, JP
[72] MATSUI, TOMOKO, JP
[72] AYABE, KEIICHI, JP
[72] LESSARD, LOUIS P., US
[72] KREEL, NATHANIEL E., US
[72] JENSEN, KENNETH, DK
[72] PENG, WEI, CN
[72] GUO, XINYAN, CN
[72] TANG, LAN, CN
[71] NOVOZYMES A/S, DK
[85] 2018-07-25
[86] 2017-03-01 (PCT/CN2017/075326)
[87] (WO2017/148389)
[30] US (62/301,848) 2016-03-01
[30] CN (PCT/CN2016/089605) 2016-07-11

[21] **3,012,516**
[13] A1
[51] **Int.Cl. C07D 495/14 (2006.01) A61K 31/5513 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 1/00 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 17/00 (2006.01) A61P 25/00 (2006.01) A61P 37/06 (2006.01) C07D 487/04 (2006.01) C07D 491/147 (2006.01)**
[25] EN
[54] **PYRIMIDINE SEVEN-MEMBERED-RING COMPOUNDS, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION THEREFOR, AND USES THEREOF**
[54] **COMPOSES CYCLIQUES DE PYRIMIDINE A SEPT MEMBRES, PROCEDE DE PREPARATION ASSOCIE, COMPOSITION PHARMACEUTIQUE ASSOCIEE ET UTILISATIONS ASSOCIEES**
[72] DENG, XIANMING, CN
[72] ZHOU, DAWANG, CN
[72] CHEN, LANFEN, CN
[72] HE, ZHIXIANG, CN
[72] FAN, FUQIN, CN
[71] ANHUI NEW STAR PHARMACEUTICAL DEVELOPMENT CO., LTD, CN
[85] 2018-07-25
[86] 2017-03-02 (PCT/CN2017/075416)
[87] (WO2017/148406)
[30] CN (201610121108.5) 2016-03-04

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[21] **3,012,521**
[13] A1
[51] **Int.Cl. H02J 9/00 (2006.01) G06F 1/30 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR REDUNDANT POWER SUPPLY TO A DATA CENTER**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE REDONDANTE D'UN CENTRE DE DONNEES**
[72] AHDOOT, ELIOT, CA
[71] BIGZ TECH INC., CA
[85] 2018-07-25
[86] 2017-02-03 (PCT/CA2017/050122)
[87] (WO2017/132769)
[30] US (15/015,060) 2016-02-03

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[21] **3,012,530**
[13] A1
[51] **Int.Cl. G01C 22/00 (2006.01) G01C 22/02 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **3D GEOLOCATION SYSTEM**
[54] **SYSTEME DE GEOLOCALISATION 3D**
[72] ZOSO, NATHANIEL, CA
[72] THIAUX, VICTORIEN, CA
[72] DUPLAIN, ERIC, CA
[72] BEAUMONT, MARTIN, CA
[72] BEDARD, STEPHANE, CA
[71] B-TEMIA INC., CA
[85] 2018-07-25
[86] 2017-01-25 (PCT/CA2017/000015)
[87] (WO2017/127914)
[30] US (62/286,896) 2016-01-25

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[21] **3,012,531**
[13] A1
[51] **Int.Cl. E01B 19/00 (2006.01) E01C 9/06 (2006.01)**
[25] EN
[54] **RAILWAY OR TRAMWAY TRACK**
[54] **VOIE DE CHEMIN DE FER OU DE TRAMWAY**
[72] EISENREICH, JAN, CZ
[71] EISENREICH, JAN, CZ
[85] 2018-07-25
[86] 2016-08-29 (PCT/CZ2016/050030)
[87] (WO2017/129150)
[30] CZ (PV2016-34) 2016-01-26

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[21] **3,012,532**
[13] A1
[51] **Int.Cl. A23J 1/14 (2006.01) A23L 33/17 (2016.01) A23J 3/14 (2006.01) A23L 2/66 (2006.01)**
[25] EN
[54] **PREPARATION OF NON-SOY OILSEED PROTEIN PRODUCTS ("*810")**
[54] **PREPARATION DE PROTEINES D'OLEAGINEUX QUI NE SONT PAS DU SOJA ("*810")**
[72] SEGALL, KEVIN I., CA
[72] SCHWEIZER, MARTIN, CA
[72] GREEN, BRENT E., CA
[71] BURCON NUTRASCIENCE (MB) CORP., CA
[85] 2018-07-25
[86] 2017-01-27 (PCT/CA2017/050092)
[87] (WO2017/127934)
[30] US (62/287,532) 2016-01-27

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[21] **3,012,534**
[13] A1
[51] **Int.Cl. B65B 1/06 (2006.01) B65B 39/06 (2006.01) B65B 43/54 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTMENT OF SYSTEM FOR FILLING OF BIG BAGS, AND SYSTEM FOR FILLING OF BIG BAGS**
[54] **PROCEDE DE REGLAGE D'UN SYSTEME DE REMPLISSAGE DE GROS SACS ET SYSTEME DE REMPLISSAGE DE GROS SACS**
[72] NYSTED, MORTEN, DK
[71] PANPAC ENGINEERING A/S, DK
[85] 2018-07-25
[86] 2017-02-08 (PCT/DK2017/050031)
[87] (WO2017/140318)
[30] DK (PA 2016 70087) 2016-02-17

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[21] **3,012,539**
[13] A1
[51] **Int.Cl. F16K 1/00 (2006.01) F16K 1/44 (2006.01) F16K 31/04 (2006.01)**
[25] EN
[54] **VALVE SERIES**
[54] **SERIE DE SOUPAPES**
[72] LANG, MARTIN, DE
[72] BOS, BENJAMIN, DE
[72] OBERMOLLER, NILS, DE
[71] KARL DUNGS GMBH & CO. KG, DE
[85] 2018-07-25
[86] 2016-03-11 (PCT/EP2016/055368)
[87] (WO2017/153003)

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[21] **3,012,541**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 5/00 (2006.01) A61B 17/12 (2006.01) A61M 1/10 (2006.01) A61M 1/12 (2006.01) A61M 5/32 (2006.01) A61M 5/42 (2006.01) A61B 34/30 (2016.01)**
[25] EN
[54] **A DEVICE FOR EMERGENCY TREATMENT OF CARDIAC ARREST**
[54] **DISPOSITIF POUR TRAITEMENT D'URGENCE D'UN ARRET CARDIAQUE**
[72] FROST, HABIB, DK
[71] NEURESCUE APS, DK
[85] 2018-07-25
[86] 2016-12-02 (PCT/EP2016/079586)
[87] (WO2017/093483)
[30] EP (15197607.3) 2015-12-02

[21] **3,012,544**
[13] A1
[51] **Int.Cl. E01B 27/20 (2006.01) E01B 33/06 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **A MACHINE HAVING A STABILIZING UNIT, AND A MEASURING METHOD**
[54] **UNE MACHINE COMPORTANT UN MODULE STABILISATEUR, ET UNE METHODE DE MESURE**
[72] AUER, FLORIAN, AT
[72] BURGER, MARTIN, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2018-07-25
[86] 2017-01-27 (PCT/EP2017/000103)
[87] (WO2017/144152)
[30] AT (A 93/2016) 2016-02-24

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[21] **3,012,547**
[13] A1
[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVING A TRANSITION FROM A CONCEALED AUDIO SIGNAL PORTION TO A SUCCEEDING AUDIO SIGNAL PORTION OF AN AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE PERMETTANT D'AMELIORER UNE TRANSITION D'UNE PARTIE DE SIGNAL AUDIO CACHEE A UNE PARTIE DE SIGNAL AUDIO SUIVANTE D'UN SIGNAL AUDIO**
[72] TOMASEK, ADRIAN, DE
[72] LECOMTE, JEREMIE, US
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-07-25
[86] 2017-01-26 (PCT/EP2017/051623)
[87] (WO2017/129665)
[30] EP (16153409.4) 2016-01-29
[30] EP (PCT/EP2016/060776) 2016-05-12

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[21] **3,012,549**
[13] A1
[51] **Int.Cl. B01F 5/06 (2006.01) B01F 15/06 (2006.01)**
[25] EN
[54] **CLOVERLEAF MIXER/HEAT EXCHANGER**
[54] **MELANGEUR/ECHANGEUR DE CHALEUR EN FEUILLE DE TREFLE**
[72] EL-TOUFAILI, FAISSAL-ALI, DE
[72] KERMER, CORNELIA, DE
[72] FONSECA, GLEDISON, DE
[71] BASF SE, DE
[85] 2018-07-25
[86] 2017-01-27 (PCT/EP2017/051814)
[87] (WO2017/129771)
[30] EP (16153384.9) 2016-01-29

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[21] **3,012,550**
[13] A1
[51] **Int.Cl. B27N 7/00 (2006.01) G01N 21/898 (2006.01) B27N 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN OSB**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU DE GRANDES PARTICULES ORIENTEES (OSB)**
[72] KALWA, NORBERT, DE
[72] KOPP, TORSTEN, DE
[71] SWISS KRONO TEC AG, CH
[85] 2018-07-24
[86] 2017-03-03 (PCT/EP2017/055079)
[87] (WO2017/153297)
[30] EP (16159708.3) 2016-03-10

---

[21] **3,012,551**
[13] A1
[51] **Int.Cl. G01S 7/40 (2006.01) G01S 13/87 (2006.01) G01S 13/90 (2006.01)**
[25] EN
[54] **METHOD FOR CALIBRATING AN ACTIVE SENSOR SYSTEM**
[54] **PROCEDE D'ETALONNAGE D'UN SYSTEME DE CAPTEURS ACTIFS**
[72] REIMANN, JENS, DE
[72] DORING, BJORN, DE
[72] SCHWERDT, MARCO, DE
[72] RUDOLF, DANIEL, DE
[72] RAAB, SEBASTIAN, DE
[71] DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT E.V., DE
[85] 2018-07-25
[86] 2017-01-31 (PCT/EP2017/051986)
[87] (WO2017/134028)
[30] DE (10 2016 101 898.8) 2016-02-03

---

[21] **3,012,552**
[13] A1
[51] **Int.Cl. B29C 44/04 (2006.01) B65D 1/26 (2006.01) B65D 1/44 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **METHOD OF FORMING AN ARTICLE**
[54] **PROCEDE DE FORMATION D'UN ARTICLE**
[72] BOCKING, CHRIS, GB
[72] CLARKE, PETER, GB
[71] BOCKATECH LTD, GB
[85] 2018-07-25
[86] 2017-02-02 (PCT/EP2017/052291)
[87] (WO2017/134181)
[30] GB (1601946.5) 2016-02-03

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[21] **3,012,553**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 23/02 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **DOWNHOLE DEVICE AND DOWNHOLE SYSTEM**
[54] **DISPOSITIF DE FOND DE TROU ET SYSTEME DE FOND DE TROU**
[72] KUMAR, SATISH, DK
[71] WELLTEC A/S, DK
[85] 2018-07-25
[86] 2017-02-09 (PCT/EP2017/052802)
[87] (WO2017/137465)
[30] EP (16155044.7) 2016-02-10

---

[21] **3,012,554**
[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C07C 29/154 (2006.01)**
[25] EN
[54] **METHANOL PRODUCTION PROCESS**
[54] **PROCEDE DE PRODUCTION DE METHANOL**
[72] URAKAWA, ATSUSHI, JP
[72] BANSODE, ATUL, IN
[72] GAIKWAD, ROHIT VILAS, IN
[71] FUNDACIO INSTITUT CATALA D'INVESTIGACIO QUIMICA (ICIQ), ES
[85] 2018-07-25
[86] 2017-02-16 (PCT/EP2017/053535)
[87] (WO2017/140800)
[30] EP (16382062.4) 2016-02-16

[21] **3,012,555**
[13] A1
[51] **Int.Cl. C01B 13/08 (2006.01) B01J 8/24 (2006.01) F23L 7/00 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR OXYGEN PRODUCTION AND ENERGY STORAGE**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'OXYGENE ET DE STOCKAGE D'ENERGIE**
[72] MOGHTADERI, BEHDAD, AU
[72] SHAH, KALPIT, AU
[71] INFRATECH INDUSTRIES PTY LTD, AU
[85] 2018-07-25
[86] 2017-01-24 (PCT/AU2017/050054)
[87] (WO2017/127886)
[30] AU (2016900222) 2016-01-25

---

[21] **3,012,556**
[13] A1
[51] **Int.Cl. C05G 3/08 (2006.01)**
[25] EN
[54] **LIQUID UREASE INHIBITOR FORMULATIONS**
[54] **FORMULATIONS LIQUIDES D'INHIBITEURS D'UREASE**
[72] COLPAERT, FILIP, BE
[72] LEDOUX, FRANCOIS, FR
[72] VAN BELZEN, RUUD, NL
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-07-25
[86] 2017-02-24 (PCT/EP2017/054397)
[87] (WO2017/144698)
[30] EP (16157221.9) 2016-02-24

---

[21] **3,012,557**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) A61K 31/095 (2006.01) A61K 45/06 (2006.01) A61P 15/02 (2006.01)**
[25] FR
[54] **COMPOSITIONS FOR TREATING CANDIDIASIS INFECTIONS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DES CANDIDOSES**
[72] NIVOLIEZ, ADRIEN, FR
[71] BIOSE, FR
[85] 2018-07-25
[86] 2017-03-01 (PCT/EP2017/054701)
[87] (WO2017/148975)
[30] FR (1651717) 2016-03-01

---

[21] **3,012,558**
[13] A1
[51] **Int.Cl. A46B 5/00 (2006.01) A46B 13/02 (2006.01) A61C 1/18 (2006.01) A61C 17/26 (2006.01)**
[25] EN
[54] **AN ELECTRIC UTILITY BRUSH HAVING A FLEXIBLE DRIVE SHAFT**
[54] **BROSSE ELECTRIQUE COMPRENANT UN FLEXIBLE D'ENTRAINEMENT**
[72] DIAMOND, DAVID, PT
[72] DIAMOND, JEAN, PT
[71] GLAXOSMITHKLINE CONSUMER HEALTHCARE (UK) IP LIMITED, GB
[85] 2018-07-25
[86] 2017-02-02 (PCT/EP2017/052298)
[87] (WO2017/134183)
[30] IE (S2016/0046) 2016-02-05

---

[21] **3,012,559**
[13] A1
[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **VAPORIZING ASSEMBLY COMPRISING SHEET HEATING ELEMENT AND LIQUID DELIVERY DEVICE FOR AN AEROSOL GENERATING SYSTEM**
[54] **ENSEMBLE DE VAPORISATION COMPRENANT UN ELEMENT DE CHAUFFAGE DE TYPE FEUILLE ET UN DISPOSITIF DE DISTRIBUTION DE LIQUIDE POUR UN SYSTEME DE GENERATION D'AEROSOL**
[72] BATISTA, RUI NUNO, CH
[72] RUSCIO, DANI, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-25
[86] 2017-03-23 (PCT/EP2017/057015)
[87] (WO2017/167647)
[30] EP (16163418.3) 2016-03-31

---

[21] **3,012,560**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **GLYCOSIDASE INHIBITORS**
[54] **INHIBITEURS DE GLYCOSIDASES**
[72] QUATTROPANI, ANNA, CH
[72] KULKARNI, SANTOSH S., IN
[72] GIRI, AWADUT GAJENDRA, IN
[71] ASCENEURON S.A., CH
[85] 2018-07-25
[86] 2017-02-24 (PCT/EP2017/054268)
[87] (WO2017/144633)
[30] IN (201621006636) 2016-02-25

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[21] **3,012,561**
[13] A1
[51] **Int.Cl. C02F 3/02 (2006.01) B09C 1/00 (2006.01) C02F 3/30 (2006.01) C02F 7/00 (2006.01)**
[25] EN
[54] **REMEDIATION AND/OR RESTORATION OF AN ANOXIC BODY OF WATER**
[54] **REMISE EN ETAT ET/OU RETABLISSEMENT D'UN CORPS D'EAU ANOXIQUE**
[72] WASSMANN, HARTMUT, DE
[72] KLEMZ, ROMAN, DE
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-07-25
[86] 2017-03-24 (PCT/EP2017/057041)
[87] (WO2017/162847)
[30] EP (16162307.9) 2016-03-24

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[21] **3,012,562**
[13] A1
[51] **Int.Cl. B62J 1/20 (2006.01) B62J 1/00 (2006.01)**
[25] EN
[54] **SEAT FOR A VEHICLE**
[54] **SIEGE POUR UN VEHICULE**
[72] MALFATTI, MARCO, IT
[72] BIGOLIN, BARBARA, IT
[71] SELLE ROYAL S.P.A., IT
[85] 2018-07-25
[86] 2017-02-10 (PCT/IB2017/050747)
[87] (WO2017/137944)
[30] IT (102016000014239) 2016-02-11

[21] **3,012,563**
[13] A1
[51] **Int.Cl. C25B 1/12 (2006.01) C25B 9/00 (2006.01) C25B 9/10 (2006.01) C25B 9/18 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CELL FOR GENERATING HYDROGEN**
[54] **CELLULE ELECTROLYTIQUE POUR LA PRODUCTION D'HYDROGENE**
[72] FRATTI, GIOVANNI, IT
[72] CREMONESE, ROBERTO, IT
[72] BOCCIA, MASSIMILIANO, IT
[71] H2 ENGINEERING D.O.O., SI
[85] 2018-07-25
[86] 2017-01-23 (PCT/IB2017/050333)
[87] (WO2017/130092)
[30] IT (102016000007663) 2016-01-26

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[21] **3,012,564**
[13] A1
[51] **Int.Cl. F04B 15/02 (2006.01) F04B 9/117 (2006.01) F04B 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING OR CONVEYING FLUID OR SEMI-FLUID MATERIALS BY MEANS OF A DOUBLE PISTON PUMP AND DOUBLE PISTON PUMP THEREFOR**
[54] **PROCEDE POUR TRANSMETTRE OU TRANSPORTER DES MATERIAUX FLUIDES OU SEMI-FLUIDES A L'AIDE D'UNE POMPE A DOUBLE PISTON ET POMPE A DOUBLE PISTON CORRESPONDANTE**
[72] TSCHUMI, OTTO, CH
[72] RAUBER, TOBIAS, CH
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2018-07-25
[86] 2017-04-03 (PCT/EP2017/057818)
[87] (WO2017/178261)
[30] EP (16164647.6) 2016-04-11

---

[21] **3,012,565**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING DEVICE HAVING A SIDE CAVITY**
[54] **DISPOSITIF GENERATEUR D'AEROSOL A CAVITE LATERALE**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-25
[86] 2017-05-26 (PCT/EP2017/062793)
[87] (WO2017/207443)
[30] EP (16172276.4) 2016-05-31

---

[21] **3,012,566**
[13] A1
[51] **Int.Cl. A63B 15/00 (2006.01) A63B 69/00 (2006.01) A63B 69/36 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **SPORTS TRAINING AID**
[54] **DISPOSITIF D'AIDE A L'ENTRAINEMENT SPORTIF**
[72] FROST, DANIEL ALEXANDER, GB
[72] ROBSON, THOMAS STUART, GB
[72] ROBSON, MICHAEL ANDREW, GB
[71] SURE-SET GOLF LTD, GB
[85] 2018-07-25
[86] 2017-01-25 (PCT/EP2017/051494)
[87] (WO2017/129591)
[30] GB (1601421.9) 2016-01-25

---

[21] **3,012,567**
[13] A1
[51] **Int.Cl. C07D 471/06 (2006.01) A61K 31/436 (2006.01) A61K 31/4375 (2006.01) A61K 31/5365 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS**
[72] COOPER, IAN, GB
[72] LYONS, AMANDA, GB
[71] REDX PHARMA PLC, GB
[85] 2018-07-25
[86] 2017-02-08 (PCT/GB2017/050315)
[87] (WO2017/137742)
[30] GB (1602235.2) 2016-02-08

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[21] **3,012,568**
[13] A1
[51] **Int.Cl. F04D 17/16 (2006.01) F04D 1/12 (2006.01) F16F 15/30 (2006.01)**
[25] EN
[54] **SELF-PUMPING VACUUM ROTOR SYSTEM**
[54] **SYSTEME DE ROTOR A VIDE A POMPAGE AUTOMATIQUE**
[72] REISCHL, HUBERT, DE
[72] ZIMMERMANN, EDWIN, DE
[71] ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND, DE
[85] 2018-07-25
[86] 2017-01-25 (PCT/EP2017/051527)
[87] (WO2017/137257)
[30] EP (16155415.9) 2016-02-12

---

[21] **3,012,569**
[13] A1
[51] **Int.Cl. C07D 471/06 (2006.01) A61K 31/436 (2006.01) A61K 31/4375 (2006.01) A61K 31/5365 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01) C07D 471/16 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS**
[72] COOPER, IAN, GB
[72] LYONS, AMANDA, GB
[71] REDX PHARMA PLC, GB
[85] 2018-07-25
[86] 2017-02-08 (PCT/GB2017/050317)
[87] (WO2017/137743)
[30] GB (1602234.5) 2016-02-08
[30] GB (1616456.8) 2016-09-28

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[21] **3,012,570**
[13] A1
[51] **Int.Cl. E06B 3/02 (2006.01) E06B 3/54 (2006.01) E06B 3/56 (2006.01) E06B 3/72 (2006.01)**
[25] EN
[54] **DOOR AND WALL STRUCTURE**
[54] **STRUCTURE DE MUR ET PORTE**
[72] HAVERI, JANNE, FI
[72] HALLFORS, SAMU, FI
[72] TAMMINEN, MIKKO, FI
[72] TOIVOLA, PEKKA, FI
[71] FRAMERY OY, FI
[85] 2018-07-25
[86] 2017-01-30 (PCT/FI2017/050052)
[87] (WO2017/134342)
[30] FI (20165082) 2016-02-05

[21] **3,012,571**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) B32B 9/04 (2006.01) B32B 27/08 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **METHOD FOR MOUNTING WALL PANELS & WALL PANEL SYSTEM**
[54] **PROCEDE DE MONTAGE DE PANNEAUX MURAUX & SYSTEME DE PANNEAU MURAL**
[72] FLEET, CHARLES, GB
[71] RECO SURFACES LIMITED, GB
[85] 2018-07-25
[86] 2017-01-25 (PCT/GB2017/050191)
[87] (WO2017/129974)
[30] GB (1601435.9) 2016-01-26

[21] **3,012,572**
[13] A1
[51] **Int.Cl. B41J 2/14 (2006.01)**
[25] EN
[54] **FLUID EJECTOR**
[54] **EJECTEUR DE FLUIDE**
[72] MACE, DANIEL RICHARD, GB
[72] EMERTON, NEIL, GB
[72] CROOKS, DAVID ALAN, GB
[72] NEWCOMBE, GUY CHARLES FERNLEY, GB
[72] STOKES, CHARLOTTE GIVERNY PAMELA JOY, GB
[72] SNUDDEN, THEODORE JOHN, GB
[71] ARCHIPELAGO TECHNOLOGY GROUP LTD, GB
[85] 2018-07-25
[86] 2017-02-15 (PCT/GB2017/050400)
[87] (WO2017/141034)
[30] GB (1602743.5) 2016-02-16

[21] **3,012,573**
[13] A1
[51] **Int.Cl. H02G 3/22 (2006.01) B23B 45/00 (2006.01) B23B 47/02 (2006.01) B25J 1/02 (2006.01) B25J 17/02 (2006.01) B25J 18/00 (2006.01)**
[25] EN
[54] **SNAKE-LIKE ROBOT**
[54] **ROBOT DU TYPE SERPENT**
[72] BILSKY, MATTHEW, US
[71] IMPOSSIBLE INCORPORATED LLC, US
[85] 2018-07-23
[86] 2016-10-06 (PCT/US2016/055791)
[87] (WO2017/062648)
[30] US (62/237,987) 2015-10-06
[30] US (62/278,487) 2016-01-14

[21] **3,012,574**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 39/00 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **ENGINEERED ANTIGEN PRESENTING CELLS AND USES THEREOF**
[54] **CELLULES PRESENTATRICES D'ANTIGENES AYANT ETE MODIFIEES ET LEURS UTILISATIONS**
[72] DE PALMA, MICHELE, CH
[72] SQUADRITO, MARIO LEONARDO, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2018-07-25
[86] 2017-02-01 (PCT/EP2017/052145)
[87] (WO2017/134100)
[30] EP (16153966.3) 2016-02-02

[21] **3,012,575**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **MEDICAL EVALUATION DEVICE**
[54] **DISPOSITIF D'EVALUATION MEDICALE**
[72] FUCHS, CAROLA, DE
[72] FINKE, MATTHIAS, DE
[72] ESCHRICH, BJORN, DE
[72] SCHMIDT, RONALD, DE
[71] PARI PHARMA GMBH, DE
[85] 2018-07-25
[86] 2017-02-08 (PCT/EP2017/052720)
[87] (WO2017/137424)
[30] EP (16154634.6) 2016-02-08

[21] **3,012,576**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **PRESSURE POD FOR HAEMODIALYSIS MEDICAL LINES**
[54] **CAPSULE DE PRESSION POUR CONDUITES MEDICALES D'HEMODIALYSE**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[85] 2018-07-25
[86] 2017-04-05 (PCT/IB2017/051951)
[87] (WO2017/175149)
[30] IT (102016000035281) 2016-04-06

[21] **3,012,577**
[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01) E21B 33/04 (2006.01) E21B 41/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **SIMPLIFIED PACKER PENETRATOR AND METHOD OF INSTALLATION**
[54] **PENETRATEUR DE GARNITURE SIMPLIFIE ET METHODE D'INSTALLATION**
[72] EMERSON, TOD D., US
[72] WILLIAMS, JIN, US
[72] MCCLAIN, ELIZABETH, US
[71] QUICK CONNECTORS, INC., US
[85] 2018-05-23
[86] 2016-11-25 (PCT/US2016/063773)
[87] (WO2017/091813)
[30] US (62/259,495) 2015-11-24

[21] **3,012,578**
[13] A1
[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SENDING REMINDERS TO A USER**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION DE MEMENTOS A UN UTILISATEUR**
[72] BENTKOVSKI, YAKOV, IL
[72] KAPLAN, NIMROD, IL
[71] WATERIO LTD, IL
[85] 2018-07-25
[86] 2017-01-31 (PCT/IL2017/050114)
[87] (WO2017/130207)
[30] US (62/289,257) 2016-01-31
[30] US (62/344,619) 2016-06-02

[21] **3,012,579**
[13] A1
[51] **Int.Cl. A01N 43/80 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING PESTS OF SOYBEAN, CORN, AND COTTON PLANTS**
[54] **PROCEDE DE LUTTE CONTRE DES PARASITES DE PLANTS DE SOJA, DE MAIS ET DE COTON**
[72] KOERBER, KARSTEN, DE
[72] BINDSCHAEDLER, PASCAL, DE
[72] VON DEYN, WOLFGANG, DE
[72] BRAUN, FRANZ-JOSEF, US
[72] LANGEWALD, JUERGEN, DE
[72] DIETZ, JOCHEN, DE
[71] BASF SE, DE
[85] 2018-07-25
[86] 2017-02-13 (PCT/EP2017/053132)
[87] (WO2017/140614)
[30] EP (16156598.1) 2016-02-19

[21] **3,012,580**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B01D 15/00 (2006.01) B01D 53/56 (2006.01) B01J 20/04 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **A PARTICULATE EARTH ALKALI CARBONATE-COMPRISING MATERIAL AND/OR PARTICULATE EARTH ALKALI PHOSPHATE-COMPRISING MATERIAL FOR NOX UPTAKE**
[54] **MATERIAU COMPRENANT DU CARBONATE ALCALINO-TERREUX A PARTICULES ET/OU MATERIAU COMPRENANT DU PHOSPHATE ALCALINO-TERREUX A PARTICULES POUR LA RECUPERATION DE NOX**
[72] LAPORTE, CHRISTOPHE, CH
[72] FREY, DANIEL, CH
[72] HETTMANN, KAI MAX, DE
[72] RENTSCH, SAMUEL, CH
[72] GYSAU, DETLEF, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-07-25
[86] 2017-03-06 (PCT/EP2017/055178)
[87] (WO2017/153329)
[30] EP (16158979.1) 2016-03-07
[30] US (62/307,603) 2016-03-14

[21] **3,012,581**
[13] A1
[51] **Int.Cl. C08F 220/56 (2006.01) C08F 251/00 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION, ITS USE AND A SURFACE SIZE**
[54] **COMPOSITION DE POLYMERE, SON UTILISATION ET PRODUIT D'ENCOLLAGE DE SURFACE**
[72] HIETANIEMI, MATTI, FI
[72] KARPPI, ASKO, FI
[72] CARCELLER, ROSA, FI
[71] KEMIRA OYJ, FI
[85] 2018-07-25
[86] 2017-02-28 (PCT/FI2017/050129)
[87] (WO2017/149200)
[30] FI (20165162) 2016-03-01

[21] **3,012,582**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/28 (2006.01) A61K 31/315 (2006.01) A61K 33/00 (2006.01) A61K 33/32 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07F 7/24 (2006.01)**
[25] EN
[54] **METHOD AND PHARMACEUTICAL COMPOSITION FOR TREATMENT OF NEURODEGENERATION**
[54] **METHODE ET COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE LA NEURODEGENERESCENCE**
[72] CHEVION, MORDECHAI, IL
[72] VINOKUR, VLADIMIR, IL
[72] BERENSHTEIN, EDUARD, IL
[71] CHEVION, MORDECHAI, IL
[71] VINOKUR, VLADIMIR, IL
[71] BERENSHTEIN, EDUARD, IL
[85] 2018-07-25
[86] 2017-02-08 (PCT/IL2017/050159)
[87] (WO2017/137988)
[30] US (62/293,803) 2016-02-11

[21] **3,012,584**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A24B 13/00 (2006.01) A24B 15/28 (2006.01)**
[25] EN
[54] **NON-COMBUSTION TYPE INHALATION ARTICLE**
[54] **ARTICLE POUR INHALATION DU TYPE SANS COMBUSTION**
[72] ICHITSUBO, HIROKAZU, JP
[72] NANASAKI, YUSUKE, JP
[71] JAPAN TOBACCO INC., JP
[85] 2018-07-25
[86] 2016-02-18 (PCT/JP2016/054747)
[87] (WO2017/141406)

[21] **3,012,585**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANUFACTURING OPTICAL FIBER RIBBON**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE RUBAN DE FIBRE OPTIQUE**
[72] MORIYA, SHIZUKA, JP
[72] ISAJI, MIZUKI, JP
[72] OSATO, KEN, JP
[71] FUJIKURA LTD., JP
[85] 2018-07-25
[86] 2016-12-08 (PCT/JP2016/086490)
[87] (WO2017/154297)
[30] JP (2016-043451) 2016-03-07

[21] **3,012,586**
[13] A1
[51] **Int.Cl. C08B 31/18 (2006.01) C08L 3/10 (2006.01) C09J 103/10 (2006.01)**
[25] EN
[54] **OXIDATION OF STARCH**
[54] **OXYDATION D'AMIDON**
[72] VRIELING-SMIT, ANNET, NL
[72] WIELEMA, THOMAS ALBERT, NL
[72] BEUGELING, JOHN, NL
[71] COOPERATIE AVEBE U.A., NL
[85] 2018-07-25
[86] 2017-02-10 (PCT/NL2017/050082)
[87] (WO2017/138814)
[30] EP (16155483.7) 2016-02-12

[21] **3,012,587**
[13] A1
[51] **Int.Cl. G01N 33/22 (2006.01) G01N 9/00 (2006.01)**
[25] EN
[54] **GAS ENERGY MEASUREMENT METHOD AND RELATED APPARATUS**
[54] **PROCEDE DE MESURE D'ENERGIE GAZEUSE ET APPAREIL ASSOCIE**
[72] WHEELER, SIMON P. H., US
[71] MICRO MOTION, INC., US
[85] 2018-07-25
[86] 2016-01-27 (PCT/US2016/015160)
[87] (WO2017/131670)

---

[21] **3,012,588**
[13] A1
[51] **Int.Cl. B41J 2/045 (2006.01) B41J 2/01 (2006.01) B41J 2/14 (2006.01) B41J 2/21 (2006.01)**
[25] EN
[54] **INKJET RECORDING DEVICE AND INKJET RECORDING METHOD**
[54] **DISPOSITIF D'ENREGISTREMENT A JET D'ENCRE ET PROCEDE D'ENREGISTREMENT A JET D'ENCRE**
[72] FUJII, ICHIROH, JP
[72] HABASHI, HISASHI, JP
[71] RICOH COMPANY, LTD., JP
[85] 2018-07-18
[86] 2017-01-19 (PCT/JP2017/001763)
[87] (WO2017/126611)
[30] JP (2016-007759) 2016-01-19

---

[21] **3,012,589**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) C07C 309/19 (2006.01) C07C 309/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING 7H-PYRROLO [2,3-D]PYRIMIDINE COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES 7H-PYRROLO [2, 3-D]PYRIMIDINE**
[72] STUK, TIMOTHY LEE, US
[72] BILLEN, DENIS, US
[72] WESTRICK, VALERIE SUE, US
[72] GUNAWARDANA, VAGEESHA WARNAJITH LIYANA, US
[71] ZOETIS SERVICES LLC, US
[85] 2018-07-19
[86] 2017-02-07 (PCT/US2017/016778)
[87] (WO2017/142740)
[30] US (62/295,739) 2016-02-16
[30] US (62/375,040) 2016-08-15

---

[21] **3,012,590**
[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/136 (2014.01) H04N 19/176 (2014.01) H04N 19/463 (2014.01) H04N 19/70 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **PREDICTING FILTER COEFFICIENTS FROM FIXED FILTERS FOR VIDEO CODING**
[54] **PREDICTION DE COEFFICIENTS DE FILTRE A PARTIR DE FILTRES FIXES POUR CODAGE VIDEO**
[72] KARCZEWICZ, MARTA, US
[72] CHIEN, WEI-JUNG, US
[72] ZHANG, LI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-19
[86] 2017-02-15 (PCT/US2017/017964)
[87] (WO2017/142943)
[30] US (62/295,461) 2016-02-15
[30] US (62/324,776) 2016-04-19
[30] US (15/432,848) 2017-02-14

---

[21] **3,012,591**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 30/09 (2012.01) B60T 7/12 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING TRAVEL OF VEHICLE, AND DEVICE FOR CONTROLLING TRAVEL OF VEHICLE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] FUJITA, SUSUMU, JP
[72] AOKI, MOTONOBU, JP
[72] MISHINA, YOHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-25
[86] 2017-01-04 (PCT/JP2017/000052)
[87] (WO2017/130643)
[30] JP (2016-015817) 2016-01-29

---

[21] **3,012,592**
[13] A1
[51] **Int.Cl. C22C 9/04 (2006.01) C22C 1/03 (2006.01) C22C 18/02 (2006.01) C22F 1/08 (2006.01)**
[25] EN
[54] **UNLEADED FREE-CUTTING BRASS ALLOYS WITH EXCELLENT CASTABILITY, METHOD FOR PRODUCING THE SAME, AND APPLICATION THEREOF**
[54] **ALLIAGE DE LAITON DE DECOLLETAGE SANS PLOMB AYANT UNE EXCELLENTE COULABILITE, SON PROCEDE DE PRODUCTION, ET SON APPLICATION**
[72] CHEN, CHIN-LUNG, TW
[72] CHEN, JHEWN-KUANG, TW
[72] HUNG, CI-JIE, TW
[71] FORTUNE MFG. CO., LTD., CN
[85] 2018-07-20
[86] 2017-01-12 (PCT/US2017/013171)
[87] (WO2017/127284)
[30] TW (105101917) 2016-01-21

[21] **3,012,593**
[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) A01N 43/836 (2006.01) A01N 43/90 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PEST CONTROL COMPOSITION AND PEST CONTROL METHOD**
[54] **COMPOSITION DE LUTTE ANTIPARASITAIRE ET PROCEDE DE LUTTE ANTIPARASITAIRE**
[72] INOUE, TAKUYA, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2018-07-25
[86] 2017-01-26 (PCT/JP2017/002672)
[87] (WO2017/135137)
[30] JP (2016-016909) 2016-02-01

---

[21] **3,012,594**
[13] A1
[51] **Int.Cl. C04B 11/00 (2006.01) C01F 11/46 (2006.01)**
[25] EN
[54] **CALCINED GYPSUM TREATMENT DEVICE AND CALCINED GYPSUM TREATMENT METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE GYPSE CALCINE ET PROCEDE DE TRAITEMENT DE GYPSE CALCINE**
[72] HAYASE, KEN, JP
[71] YOSHINO GYPSUM CO., LTD., JP
[85] 2018-07-25
[86] 2017-01-31 (PCT/JP2017/003418)
[87] (WO2017/135250)
[30] JP (2016-017625) 2016-02-02

---

[21] **3,012,595**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **METHOD TO DELAY SWELLING OF A PACKER BY INCORPORATING DISSOLVABLE METAL SHROUD**
[54] **PROCEDE POUR RETARDER LE GONFLEMENT D'UNE GARNITURE D'ETANCHEITE PAR INCORPORATION D'UNE ENVELOPPE METALLIQUE SOLUBLE**
[72] STEIN, TAYLOR JUSTIN, US
[72] ADKINS, DARRELL WAYNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-25
[86] 2016-03-01 (PCT/US2016/020250)
[87] (WO2017/151118)

---

[21] **3,012,596**
[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/068 (2006.01) F16J 15/16 (2006.01)**
[25] EN
[54] **DEVICE INCLUDING A SEAL ASSEMBLY**
[54] **DISPOSITIF COMPRENANT UN ENSEMBLE JOINT D'ETANCHEITE**
[72] CHAMBERS, LARRY DELYNN, US
[72] SITKA, MARK ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-25
[86] 2016-03-10 (PCT/US2016/021711)
[87] (WO2017/155536)

---

[21] **3,012,597**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/08 (2006.01) E21B 10/62 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DRILL BIT AND CUTTER OPTIMIZATION**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION D'UN TREPAN ET D'UN DISPOSITIF DE COUPE**
[72] RIVERA-RIOS, AIXA MARIA, US
[72] DONDERICI, BURKAY, US
[72] HAY, RICHARD THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-25
[86] 2016-03-23 (PCT/US2016/023806)
[87] (WO2017/164867)

---

[21] **3,012,598**
[13] A1
[51] **Int.Cl. B60T 15/04 (2006.01)**
[25] EN
[54] **AUTOMATIC BAIL OFF FOR LOCOMOTIVE BRAKING SYSTEM**
[54] **AFFRANCHISSEMENT AUTOMATIQUE POUR SYSTEME DE FREINAGE DE LOCOMOTIVE**
[72] LEONARD, ERICH, US
[72] MCLAUGHLIN, BRYAN, US
[72] JAMES, DANIEL, US
[72] GREETHAM, PETER, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2018-07-25
[86] 2016-01-26 (PCT/US2016/014836)
[87] (WO2017/131625)

---

[21] **3,012,599**
[13] A1
[51] **Int.Cl. A01H 1/04 (2006.01) G01N 30/02 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES, AND METHODS FOR CLASSIFICATION**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE CLASSIFICATION**
[72] GIESE, MATTHEW W., US
[72] LEWIS, MARK ANTHONY, US
[71] BIOTECH INSTITUTE, LLC, US
[85] 2018-07-25
[86] 2016-01-27 (PCT/US2016/015011)
[87] (WO2016/123160)
[30] US (62/107,652) 2015-01-26

[21] **3,012,602**
[13] A1
[51] **Int.Cl. A61L 27/52 (2006.01) A61K 47/36 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **PERITUMORAL AND INTRATUMORAL MATERIALS FOR CANCER THERAPY**
[54] **MATERIAUX PERITUMORAUX ET INTRATUMORAUX POUR TRAITEMENT ANTICANCEREUX**
[72] SANDEEP, KOSHY T., US
[72] MOONEY, DAVID J., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-07-25
[86] 2016-01-29 (PCT/US2016/015825)
[87] (WO2016/123573)
[30] US (62/110,203) 2015-01-30

---

[21] **3,012,603**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/077 (2010.01) C12M 3/02 (2006.01) C12M 3/08 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR DISSOCIATING CELL AGGREGATES**
[54] **PROCEDE DE DISSOCIATION D'AGREGATS CELLULAIRES**
[72] TIMMINS, NICHOLAS, CA
[72] CHAN, LESLEY, US
[71] CENTRE FOR COMMERCIALIZATION OF REGENERATIVE MEDICINE, CA
[85] 2018-07-24
[86] 2017-01-25 (PCT/CA2017/050073)
[87] (WO2017/127921)
[30] US (62/287,103) 2016-01-26

---

[21] **3,012,604**
[13] A1
[51] **Int.Cl. F16L 55/136 (2006.01)**
[25] EN
[54] **PLUG FOR PLUGGING A LINE AND A METHOD FOR INSTALLING A PLUG IN A LINE**
[54] **BOUCHON POUR BOUCHER UNE CONDUITE ET PROCEDE POUR INSTALLER UN BOUCHON DANS UNE CONDUITE**
[72] SORENSEN, BJORN BRO, NO
[71] QUALITY INTERVENTION TECHNOLOGY AS, NO
[85] 2018-07-23
[86] 2017-01-25 (PCT/EP2017/051570)
[87] (WO2017/129631)
[30] GB (1601324.5) 2016-01-25

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[21] **3,012,605**
[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MEDICAL SUGGESTION SEARCH**
[54] **PROCEDE ET SYSTEME DE RECHERCHE DE SUGGESTION MEDICALE**
[72] SELLARS, DAVID ANDRE, US
[71] DRFIRST.COM, US
[85] 2018-07-23
[86] 2016-02-02 (PCT/US2016/016128)
[87] (WO2016/126678)
[30] US (14/613,174) 2015-02-03

---

[21] **3,012,606**
[13] A1
[51] **Int.Cl. H04W 88/04 (2009.01)**
[25] EN
[54] **NURSE CALL SYSTEM WITH MOBILE DEVICE INTERFACE**
[54] **SYSTEME D'APPEL D'INFIRMIER AVEC UNE INTERFACE DE DISPOSITIF MOBILE**
[72] COX, CARL T., US
[72] HOLDEN, JENNIFER A., US
[72] PERKINS, MICHAEL C., US
[71] RAULAND-BORG CORPORATION, US
[85] 2018-07-25
[86] 2016-02-02 (PCT/US2016/016157)
[87] (WO2017/131796)
[30] US (15/010,704) 2016-01-29

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[21] **3,012,608**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 40/06 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **METHOD, APPARATUS, AND COMPUTER-READABLE MEDIUM FOR DIVIDEND YIELDING CURRENCY BASED ON ELASTIC SECURITIZATION**
[54] **PROCEDE, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR DE PRODUCTION DE DEVISES PAR DIVIDENDE SUR LA BASE D'UNE TITRISATION ELASTIQUE**
[72] DONEY, GEORGE DANIEL, US
[71] DONEY, GEORGE DANIEL, US
[85] 2018-07-17
[86] 2017-01-27 (PCT/US2017/015247)
[87] (WO2017/132450)
[30] US (62/388,333) 2016-01-27
[30] US (15/416,202) 2017-01-26

---

[21] **3,012,622**
[13] A1
[51] **Int.Cl. H01Q 1/12 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY FOR MOUNTING AN ANTENNA**
[54] **ENSEMBLE DE MONTAGE SERVANT A MONTER UNE ANTENNE**
[72] ALBAN, REBECCA MARIE, US
[72] DUFFY, JAY DAVID, US
[72] PETERSON, ROBERT JOHN, US
[71] PREFORMED LINE PRODUCTS CO., US
[85] 2018-07-23
[86] 2017-01-26 (PCT/US2017/015016)
[87] (WO2017/132307)
[30] US (15/006,235) 2016-01-26

---

[21] **3,012,624**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) C07B 59/00 (2006.01) C07D 401/12 (2006.01) C07D 405/14 (2006.01) C07D 407/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 475/04 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **GLYCOSIDASE INHIBITORS**
[54] **INHIBITEURS DE GLYCOSIDASES**
[72] QUATTROPANI, ANNA, CH
[72] KULKARNI, SANTOSH S., IN
[72] GIRI, AWADUT GAJENDRA, IN
[71] ASCENEURON S.A., CH
[85] 2018-07-25
[86] 2017-02-24 (PCT/EP2017/054280)
[87] (WO2017/144639)
[30] IN (201621006643) 2016-02-25

[21] **3,012,626**
[13] A1
[51] **Int.Cl. B60D 1/62 (2006.01) B60D 1/64 (2006.01) B60T 17/04 (2006.01) B60T 17/18 (2006.01) B60T 17/22 (2006.01)**
[25] EN
[54] **VEHICLE COUPLING LINES STORAGE AND CONTROL ARRANGEMENT**
[54] **AGENCEMENT DE STOCKAGE ET DE COMMANDE DE LIGNES DE COUPLAGE DE VEHICULE**
[72] KEATLEY, JUSTIN D., US
[72] HUNGERINK, GERALD W., US
[72] MOLITOR, MARK, US
[71] SAF-HOLLAND, INC., US
[85] 2018-07-25
[86] 2016-08-10 (PCT/US2016/046314)
[87] (WO2017/171911)
[30] US (62/315,172) 2016-03-30

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[21] **3,012,627**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **AUTONOMOUS PRESSURE CONTROL ASSEMBLY WITH STATE-CHANGING VALVE SYSTEM**
[54] **ENSEMBLE DE REGULATION DE PRESSION AUTONOME AVEC SYSTEME DE SOUPAPE DE CHANGEMENT D'ETAT**
[72] BURKY, THOMAS EARL, US
[72] HAGGERTY, DENNIS J., US
[72] BARKER, JAMES MARSHALL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-25
[86] 2016-12-01 (PCT/US2016/064330)
[87] (WO2017/131856)
[30] US (PCT/US2016/015089) 2016-01-27

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[21] **3,012,631**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NOVEL CRISPR ENZYMES AND SYSTEMS**
[54] **NOUVELLES ENZYMES CRISPR ET SYSTEMES ASSOCIES**
[72] SEVERINOV, KONSTANTIN, US
[72] ZHANG, FENG, US
[72] WOLF, YURI I., US
[72] SHMAKOV, SERGEY, RU
[72] SEMENOVA, EKATERINA, US
[72] MINAKHIN, LEONID, US
[72] MAKAROVA, KIRA S., US
[72] KOONIN, EUGENE, US
[72] KONERMANN, SILVANA, CH
[72] JOUNG, JULIA, US
[72] GOOTENBERG, JONATHAN S., US
[72] ABUDAYYEH, OMAR O., US
[72] LANDER, ERIC S., US
[71] THE BROAD INSTITUTE INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[71] SKOLKOVO INSTITUTE OF SCIENCE AND TECHNOLOGY (SKOLTECH), RU
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY, THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] SEVERINOV, KONSTANTIN, US
[71] ZHANG, FENG, US
[71] WOLF, YURI I., US
[71] SHMAKOV, SERGEY, RU
[71] SEMENOVA, EKATERINA, US
[71] MINAKHIN, LEONID, US
[71] MAKAROVA, KIRA S., US
[71] KOONIN, EUGENE, US
[71] KONERMANN, SILVANA, CH
[71] JOUNG, JULIA, US
[71] GOOTENBERG, JONATHAN S., US
[71] ABUDAYYEH, OMAR O., US
[71] LANDER, ERIC S., US
[85] 2018-07-25
[86] 2016-06-17 (PCT/US2016/038258)
[87] (WO2016/205764)
[30] US (62/181,675) 2015-06-18
[30] US (62/285,349) 2015-10-22
[30] US (62/296,522) 2016-02-17
[30] US (62/320,231) 2016-04-08

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[21] **3,012,632**
[13] A1
[51] **Int.Cl. E05C 5/00 (2006.01)**
[25] EN
[54] **DOOR BARRICADE**
[54] **SYSTEME DE BLOCAGE DE PORTE**
[72] RICHMOND, MATTHEW TODD, US
[71] CAMPUS SAFETY PRODUCTS, LLC, US
[85] 2018-07-25
[86] 2017-01-24 (PCT/US2017/014650)
[87] (WO2017/132107)
[30] US (15/005,509) 2016-01-25

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[21] **3,012,636**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2018.01) G06F 17/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING ELECTRONIC MEDICAL TERMINOLOGY POST-COORDINATION CODING**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DU CODAGE POST-COORDINATION DE LA TERMINOLOGIE MEDICALE ELECTRONIQUE**
[72] CARDWELL, MATTHEW, US
[72] RUBE, STEVEN, US
[72] MALDONADO, JOSE, US
[72] KANTER, ANDREW, US
[72] CHARLOT, REGIS, US
[71] INTELLIGENT MEDICAL OBJECTS, INC., US
[85] 2018-07-25
[86] 2017-01-24 (PCT/US2017/014742)
[87] (WO2017/132145)
[30] US (15/006,635) 2016-01-26

[21] **3,012,639**
[13] A1
[51] **Int.Cl. D02J 1/18 (2006.01) B65H 51/005 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM OF DEBUNDLING FIBER TOW FOR USE IN PREFORM MATS AND MOLDING COMPOSITIONS CONTAINING SUCH FIBERS**
[54] **PROCEDE ET SYSTEME DE DEMELAGE D'ETOUPE DE FIBRE A UTILISER DANS DES TAPIS DE PREFORME, ET COMPOSITIONS DE MOULAGE CONTENANT DE TELLES FIBRES**
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[72] ASUNCION, MICHAEL Z., US
[72] GUHA, PROBIR, KUMAR, US
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2018-07-25
[86] 2017-01-25 (PCT/US2017/014853)
[87] (WO2017/132211)
[30] US (62/287,355) 2016-01-26

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[21] **3,012,642**
[13] A1
[51] **Int.Cl. B29C 70/48 (2006.01) B29C 59/00 (2006.01) B29C 59/02 (2006.01) B29C 65/02 (2006.01)**
[25] EN
[54] **MOLD PLATEN WITH WOVEN SURFACE TEXTURE AND THERMOSET ARTICLE MADE THEREFROM**
[54] **PLATINE DE MOULE AYANT UNE TEXTURE DE SURFACE TISSEE ET ARTICLE THERMODURCISSABLE REALISE A PARTIR DE CELLE-CI**
[72] MACHER, FRANK, US
[72] LANDENSACK, AUGUST, US
[72] BROWN, DONALD, US
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2018-07-25
[86] 2017-01-24 (PCT/US2017/014747)
[87] (WO2017/132148)
[30] US (62/287,346) 2016-01-26

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[21] **3,012,645**
[13] A1
[51] **Int.Cl. H04B 17/382 (2015.01)**
[25] EN
[54] **METHOD FOR RENDEZVOUS OF UNLICENSED USERS HAVING MULTIPLE TRANSCEIVERS IN COGNITIVE RADIO NETWORKS**
[54] **PROCEDE DE RENCONTRE D'UTILISATEUR NON AUTORISE MULTI-EMETTEUR-RECEPTEUR DANS UN RESEAU RADIO COGNITIF**
[72] HAN, GUANGJIE, CN
[72] LI, AOHAN, CN
[71] HOHAI UNIVERSITY, CHANGZHOU CAMPUS, CN
[85] 2018-07-17
[86] 2017-03-13 (PCT/CN2017/000226)
[87] (WO2018/126349)
[30] CN (201710005859.5) 2017-01-04

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[21] **3,012,646**
[13] A1
[51] **Int.Cl. G01S 5/02 (2010.01)**
[25] EN
[54] **AUTOMATICALLY DETERMINING LOCATIONS OF SIGNAL SOURCES IN AREAS WITH LIMITED SATELLITE COVERAGE**
[54] **DETERMINATION AUTOMATIQUE D'EMPLACEMENTS DE SOURCES DE SIGNAL DANS DES ZONES A COUVERTURE SATELLITE LIMITEE**
[72] DISATNIK, GIL, US
[72] HED, SAGI, US
[71] GOOGLE LLC, US
[85] 2018-07-25
[86] 2017-01-25 (PCT/US2017/014882)
[87] (WO2017/132226)
[30] US (62/286,804) 2016-01-25
[30] US (15/211,999) 2016-07-15

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[21] **3,012,648**
[13] A1
[51] **Int.Cl. B01J 19/08 (2006.01) B01J 8/04 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **A LIQUID PLASMA DISCHARGE DEVICE AND METHOD FOR BIODIESEL SYNTHESIS USING SAME**
[54] **DISPOSITIF DE DECHARGE DE PLASMA LIQUIDE ET PROCEDE DE SYNTHESE DE BIODIESEL L'UTILISANT**
[72] WU, XIAO, US
[72] DENG, SHAOBO, US
[72] ZHU, JUN, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-07-25
[86] 2017-01-25 (PCT/US2017/014907)
[87] (WO2017/132242)
[30] US (62/286,715) 2016-01-25

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[21] **3,012,649**
[13] A1
[51] **Int.Cl. A61K 31/445 (2006.01) A61K 31/519 (2006.01) A61K 31/5513 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **TARGETING CHROMATIN REGULATORS INHIBITS LEUKEMOGENIC GENE EXPRESSION IN NPM1 MUTANT LEUKEMIA**
[54] **INHIBITION DE L'EXPRESSION GENIQUE LEUCEMOGENIQUE DANS LA LEUCEMIE MUTANTE NPM1 PAR LE CIBLAGE DES REGULATEURS DE LA CHROMATINE**
[72] ARMSTRONG, SCOTT A., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015168)
[87] (WO2017/132398)
[30] US (62/287,419) 2016-01-26
[30] US (62/370,670) 2016-08-03

[21] **3,012,652**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **ELECTRONIC DISTRIBUTION SYSTEM AND METHOD FOR COLLECTIBLE ITEMS**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION ELECTRONIQUE D'ARTICLES A COLLECTIONNER**
[72] MASHERAH, JASON, US
[72] SWIDERSKI, BENJAMIN, US
[71] THE UPPER DECK COMPANY, US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015172)
[87] (WO2017/132402)
[30] US (62/287,151) 2016-01-26
[30] US (15/416,992) 2017-01-26

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[21] **3,012,653**
[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) A61K 48/00 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **INJECTION OF SINGLE-STRANDED OR SELF-COMPLEMENTARY ADENO-ASSOCIATED VIRUS 9 INTO THE CEREBROSPINAL FLUID**
[54] **INJECTION DE VIRUS ADENO-ASSOCIE SIMPLE BRIN OU AUTO-COMPLEMENTAIRE 9 DANS LE LIQUIDE CEREBROSPINAL**
[72] DONSANTE, ANTHONY, US
[72] KOZARSKY, KAREN, US
[71] EMORY UNIVERSITY, US
[71] REGENXBIO INC., US
[85] 2018-07-25
[86] 2017-01-25 (PCT/US2017/014914)
[87] (WO2017/136202)
[30] US (62/292,157) 2016-02-05

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[21] **3,012,655**
[13] A1
[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/28 (2006.01) A61M 5/315 (2006.01) A61M 39/22 (2006.01) A61M 5/168 (2006.01) A61M 5/178 (2006.01) A61M 39/00 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **INTERMITTENT INFUSION DEVICE**
[54] **DISPOSITIF DE PERFUSION INTERMITTENTE**
[72] BROWKA, EDWARD, US
[72] FENTRESS, JAMES, US
[72] FARHAT, LAWRENCE, US
[72] VASKO, ROBERT, US
[71] CAREFUSION 303, INC., US
[85] 2018-07-25
[86] 2017-01-24 (PCT/US2017/014685)
[87] (WO2017/132121)
[30] US (62/287,840) 2016-01-27

---

[21] **3,012,657**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **PREDICTIVE DIAGNOSTIC WORKFLOW FOR TUMORS USING AUTOMATED DISSECTION, NEXT GENERATION SEQUENCING, AND AUTOMATED SLIDE STAINERS**
[54] **FLUX DE TRAVAIL DE DIAGNOSTIC PREDICTIF POUR LES TUMEURS FAISANT APPEL A UNE DISSECTION AUTOMATISEE, A UN SEQUENCAGE DE NOUVELLE GENERATION ET A DES DISPOSITIFS AUTOMATISES DE COLORATION DE LAME**
[72] GUSTAFSON, HEATHER, US
[72] HNATYSZYN, HARRY JAMES, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-07-25
[86] 2017-01-25 (PCT/US2017/014969)
[87] (WO2017/132276)
[30] US (62/287,182) 2016-01-26

---

[21] **3,012,665**
[13] A1
[51] **Int.Cl. F41G 1/38 (2006.01)**
[25] EN
[54] **TURRET WITH A ZERO STOP**
[54] **TOURELLE AVEC BUTEE ZERO**
[72] HAMILTON, DAVID, US
[72] ROSEN, MICHAEL, US
[71] SHELTERED WINGS, INC. D/B/A VORTEX OPTICS, US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015041)
[87] (WO2017/132316)
[30] US (62/287,665) 2016-01-27

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[21] **3,012,670**
[13] A1
[51] **Int.Cl. A47G 29/14 (2006.01) G06Q 10/08 (2012.01) A47F 10/02 (2006.01) B65G 1/04 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAINTAINING A DELIVERED-PACKAGE VAULT**
[54] **APPAREIL ET PROCEDE POUR MAINTENIR UNE CHAMBRE FORTE DE PAQUET DISTRIBUE**
[72] HIGH, DONALD R., US
[72] PUTCHA, SAI PHANEENDRA SRI HARSHA VISWANATH, US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-25
[86] 2017-01-27 (PCT/US2017/015295)
[87] (WO2017/132482)
[30] US (62/288,556) 2016-01-29

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[21] **3,012,673**
[13] A1
[51] **Int.Cl. C25C 3/08 (2006.01) C25C 7/00 (2006.01)**
[25] EN
[54] **INSULATION ASSEMBLY FOR ELECTROLYSIS CELL**
[54] **ENSEMBLE D'ISOLATION POUR CELLULE D'ELECTROLYSE**
[72] D'ASTOLFO, LEROY E., US
[72] CZEKAJ, STEVEN A., US
[72] RUAN, YIMIN, US
[71] ALCOA USA CORP., US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015099)
[87] (WO2017/132353)
[30] US (62/287,011) 2016-01-26

[21] **3,012,676**
[13] A1
[51] **Int.Cl. F16L 57/00 (2006.01) B60D 1/62 (2006.01) B60T 17/04 (2006.01) F16L 19/02 (2006.01) F16L 27/08 (2006.01) F16L 33/30 (2006.01) F16L 35/00 (2006.01) F16L 57/02 (2006.01)**
[25] EN
[54] **IMPROVED SWIVEL COUPLING AND HOSE ASSEMBLIES AND KITS UTILIZING THE SAME**
[54] **COUPLAGE PIVOTANT AMELIORE ET ENSEMBLES DE TUYAUX ET KITS UTILISANT CELUI-CI**
[72] CAPRIO, KENNETH M., US
[72] BADHORN, EDWARD H., US
[71] TECTRAN MFG. INC., US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015108)
[87] (WO2017/132361)
[30] US (62/287,420) 2016-01-26
[30] US (15/233,006) 2016-08-10

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[21] **3,012,677**
[13] A1
[51] **Int.Cl. F28F 3/10 (2006.01) F28F 9/04 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER WITH TANKS, TUBES, AND RETAINER**
[54] **ECHANGEUR DE CHALEUR A CUVES, TUBES, ET LANGUETTE DE RETENUE**
[72] JANEZICH, ROBERT, US
[72] MORGAN, AARON PATRICK, US
[72] CEDAR, CHARLES EUGENE, US
[72] DOSEN, TODD GREGORY, US
[72] SHUEY, PAUL, US
[71] L & M RADIATOR, INC., US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015056)
[87] (WO2017/132328)
[30] US (15/008,505) 2016-01-28

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[21] **3,012,679**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **DRY POWDER INHALER**
[54] **INHALATEUR A POUDRE SECHE**
[72] KINSEY, SPENCER P., US
[72] LAURENZI, BRENDAN, US
[72] SMUTNEY, CHAD C., US
[72] ADAMO, BENOIT, US
[72] GUARNERI, JOSEPH, US
[71] MANNKIND CORPORATION, US
[85] 2018-07-25
[86] 2017-01-27 (PCT/US2017/015486)
[87] (WO2017/132601)
[30] US (62/289,095) 2016-01-29

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[21] **3,012,680**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) B81B 1/00 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **ISOTACHOPHORESIS FOR PURIFICATION OF NUCLEIC ACIDS**
[54] **ISOTACHOPHORESE DESTINEE A LA PURIFICATION D'ACIDES NUCLEIQUES**
[72] MARSHALL, LEWIS A., US
[72] HIDDESSEN, AMY L., US
[72] HOVERTER, NATHAN P., US
[72] ROSE, KLINT A., US
[72] SANTIAGO, JUAN G., US
[71] PURIGEN BIOSYSTEMS, INC., US
[85] 2018-07-25
[86] 2017-01-28 (PCT/US2017/015519)
[87] (WO2017/132630)
[30] US (62/288,930) 2016-01-29

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[21] **3,012,684**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/00 (2006.01) A61C 7/08 (2006.01) A61C 7/36 (2006.01)**
[25] EN
[54] **FIN SLEEVES FOR A MANDIBULAR ADVANCEMENT DEVICE AND METHODS OF USING THE SAME**
[54] **MANCHONS A AILETTE POUR DISPOSITIF D'AVANCEE MANDIBULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] SUNG, KIM, US
[72] KUHNS, DAVID W., US
[72] LIPTAK, LEONARD A., US
[71] PROSOMNUS SLEEP TECHNOLOGIES, INC., US
[85] 2018-07-25
[86] 2017-01-29 (PCT/US2017/015530)
[87] (WO2017/132638)
[30] US (62/289,131) 2016-01-29

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[21] **3,012,685**
[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 31/00 (2006.01) D04B 1/16 (2006.01)**
[25] EN
[54] **FLAME AND PARTICULATE RESISTANT KNIT ARTICLE**
[54] **ARTICLE TRICOTE RESISTANT A LA FLAMME ET AUX PARTICULES**
[72] LEVIT, NATALIA V., US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-07-10
[86] 2017-03-22 (PCT/US2017/023569)
[87] (WO2017/172441)
[30] US (62/316,642) 2016-04-01

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[21] **3,012,687**
[13] A1
[51] **Int.Cl. B05B 12/00 (2018.01) B05B 1/02 (2006.01) B05B 9/01 (2006.01)**
[25] EN
[54] **DUAL NOZZLE SPRAY GUN**
[54] **PISTOLET DE PULVERISATION A DEUX BUSES**
[72] CRENSHAW, KENNETH D., US
[71] CRENSHAW, KENNETH D., US
[85] 2018-07-25
[86] 2017-01-31 (PCT/US2017/015803)
[87] (WO2017/139135)
[30] US (15/042,360) 2016-02-12

[21] **3,012,690**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/0488 (2006.01) A61B 5/22 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM TO MEASURE AND ASSESS SUPERFICIAL MUSCLE CONTRACTILE CHARACTERISTICS**
[54] **DISPOSITIF ET SYSTEME POUR MESURER ET EVALUER LES CARACTERISTIQUES CONTRACTILES DE MUSCLES SUPERFICIELS**
[72] STUCKE, BRENT, CA
[71] QUANIMUS INC., CA
[85] 2018-07-11
[86] 2017-02-03 (PCT/CA2017/000022)
[87] (WO2017/132747)
[30] US (62/291,996) 2016-02-05

[21] **3,012,691**
[13] A1
[51] **Int.Cl. G01S 17/89 (2006.01) G01C 3/08 (2006.01) G01J 3/02 (2006.01) G01J 3/28 (2006.01) G01J 3/44 (2006.01) G01S 7/497 (2006.01) G01S 17/06 (2006.01)**
[25] EN
[54] **LIDAR BASED 3-D IMAGING WITH FAR-FIELD ILLUMINATION OVERLAP**
[54] **IMAGERIE 3-D A BASE DE LIDAR AVEC CHEVAUCHEMENT D'ECLAIRAGE EN CHAMP LOINTAIN**
[72] HALL, DAVID S., US
[72] REKOW, MATHEW NOEL, US
[72] KERSTENS, PIETER J., US
[71] VELODYNE LIDAR, INC., US
[85] 2018-07-25
[86] 2017-01-31 (PCT/US2017/015874)
[87] (WO2017/132704)
[30] US (62/289,278) 2016-01-31
[30] US (15/420,366) 2017-01-31

[21] **3,012,693**
[13] A1
[51] **Int.Cl. C07K 14/515 (2006.01) A01K 67/027 (2006.01) A61K 39/00 (2006.01) A61K 49/00 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **NON-HUMAN ANIMALS HAVING AN ENGINEERED ANGPTL8 GENE**
[54] **ANIMAUX NON HUMAINS POSSEDANT UN GENE ANGPTL8 MODIFIE**
[72] GUSAROVA, VIKTORIA, US
[72] MURPHY, ANDREW J., US
[72] GROMADA, JESPER, US
[72] GUO, DAYONG, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-07-25
[86] 2017-02-03 (PCT/US2017/016487)
[87] (WO2017/136712)
[30] US (62/291,446) 2016-02-04

[21] **3,012,694**
[13] A1
[51] **Int.Cl. C07K 1/30 (2006.01) C07K 1/16 (2006.01) C07K 1/22 (2006.01) C07K 1/34 (2006.01) C07K 1/36 (2006.01) C07K 14/81 (2006.01) C07K 16/06 (2006.01)**
[25] EN
[54] **METHODS FOR EXTRACTING PROTEINS FROM A BLOOD-BASED MATERIAL**
[54] **PROCEDES D'EXTRACTION DE PROTEINES A PARTIR D'UN MATERIAU A BASE DE SANG**
[72] ZURLO, EUGENE, US
[72] NOWOTNIK, DAVID PETER, US
[72] HELDEBRANT, CHARLES, US
[72] CURTIN, DENNIS, US
[71] PLASMA TECHNOLOGIES, LLC, US
[85] 2018-07-25
[86] 2017-02-03 (PCT/US2017/016595)
[87] (WO2017/136785)
[30] US (62/290,638) 2016-02-03

[21] **3,012,695**
[13] A1
[51] **Int.Cl. C12N 9/64 (2006.01)**
[25] EN
[54] **OPTIMIZED FACTOR VIII GENES**
[54] **GENES DU FACTEUR VIII OPTIMISES**
[72] TAN, SIYUAN, US
[72] LIU, TONGYAO, US
[71] BIOVERATIV THERAPEUTICS INC., US
[85] 2018-07-25
[86] 2017-01-31 (PCT/US2017/015879)
[87] (WO2017/136358)
[30] US (62/289,696) 2016-02-01
[30] US (62/409,739) 2016-10-18

[21] **3,012,696**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **EGFL6 SPECIFIC MONOCLONAL ANTIBODIES AND METHODS OF THEIR USE**
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES DE EGFL6 ET PROCEDES POUR LES UTILISER**
[72] ZHANG, NINGYAN, US
[72] AN, ZHIQIANG, US
[72] SOOD, ANIL K., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-07-25
[86] 2017-02-06 (PCT/US2017/016659)
[87] (WO2017/136807)
[30] US (62/291,987) 2016-02-05

[21] **3,012,697**
[13] A1
[51] **Int.Cl. H02J 50/12 (2016.01) H02M 1/08 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **PWM CAPACITOR CONTROL**
[54] **COMMANDE DE CONDENSATEUR PWM**
[72] DANILOVIC, MILISAV, US
[71] WITRICITY CORPORATION, US
[85] 2018-07-25
[86] 2017-02-08 (PCT/US2017/017054)
[87] (WO2017/139406)
[30] US (62/292,474) 2016-02-08
[30] US (62/376,217) 2016-08-17
[30] US (62/407,010) 2016-10-12
[30] US (62/408,204) 2016-10-14

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[21] **3,012,698**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/50 (2006.01) A61K 38/31 (2006.01)**
[25] EN
[54] **ORAL DOSAGE FORM WITH DRYING AGENT FOR DELIVERY OF ACTIVE AGENT**
[54] **FORME GALENIQUE ORALE COMPRENANT UN AGENT DESSICCATIF POUR L'ADMINISTRATION D'UN AGENT ACTIF**
[72] BONNER, DANIEL, US
[72] JANTZ, JOHN, US
[72] TRAN, PETER, US
[72] SHAPIRO, RACHEL, US
[72] PILLA, NICHOLAS, US
[72] JACOB, JULES, US
[72] KUO, BRADEN, US
[72] GARDNER, COLIN ROBERT, US
[72] SHIVANAND, PADMAJA, US
[72] BARLOW, JACOB, US
[72] FERREIRA, LISA VIANA, US
[71] ENTREGA INC., US
[85] 2018-07-25
[86] 2017-02-03 (PCT/US2017/016539)
[87] (WO2017/136745)
[30] US (62/291,812) 2016-02-05
[30] US (62/382,362) 2016-09-01

---

[21] **3,012,699**
[13] A1
[51] **Int.Cl. A61K 35/76 (2015.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 15/09 (2006.01) C12N 15/86 (2006.01) C12N 15/866 (2006.01)**
[25] EN
[54] **AAV PRODUCTION IN INSECT CELLS, METHODS AND COMPOSITIONS THEREFOR**
[54] **PRODUCTION D'AAV DANS DES CELLULES D'INSECTES, METHODES ET COMPOSITIONS ASSOCIEES**
[72] CHEN, HAIFENG, US
[71] VIROVEK, INC., US
[85] 2018-07-18
[86] 2017-04-20 (PCT/US2017/028660)
[87] (WO2017/184879)
[30] US (62/325,817) 2016-04-21

---

[21] **3,012,700**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS OF TREATING RNA-MEDIATED DISEASES**
[54] **COMPOSES ET METHODES DE TRAITEMENT DE MALADIES MEDIEES PAR L'ARN**
[72] PETTER, RUSSELL C., US
[72] BARSOUM, JAMES GREGORY, US
[72] KUBICA, NEIL, US
[71] ARRAKIS THERAPEUTICS, INC., US
[85] 2018-07-25
[86] 2017-02-01 (PCT/US2017/016065)
[87] (WO2017/136450)
[30] US (62/289,671) 2016-02-01

---

[21] **3,012,701**
[13] A1
[51] **Int.Cl. C09D 191/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS FOR ORIENTED STRAND BOARDS AND ASSOCIATED METHODS OF USE**
[54] **COMPOSITIONS DE REVETEMENT POUR PANNEAUX DE COPEAUX ORIENTES ET PROCEDES D'UTILISATION ASSOCIES**
[72] AGRAWAL, SARVESH K., US
[72] RUD, JOSEPH P., US
[72] HOCH, LARRY E., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-07-25
[86] 2017-02-14 (PCT/US2017/017784)
[87] (WO2017/146936)
[30] US (62/300,120) 2016-02-26

---

[21] **3,012,702**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **NRF2 ACTIVATING COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ACTIVATEURS DE NRF2 ET LEURS UTILISATIONS**
[72] DUNCTON, MATTHEW, US
[72] SINGH, RAJINDER, US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2018-07-25
[86] 2017-02-01 (PCT/US2017/016069)
[87] (WO2017/136453)
[30] US (62/290,853) 2016-02-03

[21] **3,012,703**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) C07K 14/115 (2006.01) C07K 14/285 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF INFLUENZA HEMAGGLUTININ WITH HETEROLOGOUS EPITOPES AND/OR ALTERED MATURATION CLEAVAGE SITES**
[54] **COMPOSITIONS D'INFLUENZA HEMAGGLUTININE AVEC EPITOPES HETEROLOGUES ET/OU SITES DE CLIVAGE DE MATURATION MODIFIES**
[72] LUO, CHUN, US
[71] CG DISCOVERY, INC., US
[85] 2018-07-25
[86] 2017-02-02 (PCT/US2017/016251)
[87] (WO2017/136575)
[30] US (62/290,894) 2016-02-03

---

[21] **3,012,704**
[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01)**
[25] EN
[54] **ABNORMAL TEMPERATURE DETECTION FOR FIXED BED REACTORS**
[54] **DETECTION DE TEMPERATURE ANORMALE POUR REACTEURS A LIT FIXE**
[72] NOURI, DANA W., US
[72] KORSTEN, HANS G., US
[72] UMANSKY, BENJAMIN S., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-07-25
[86] 2017-02-17 (PCT/US2017/018263)
[87] (WO2017/151326)
[30] US (62/303,038) 2016-03-03
[30] US (15/434,408) 2017-02-16

---

[21] **3,012,705**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01)**
[25] EN
[54] **SENSOR AND DEVICE FOR LIFETIME IMAGING AND DETECTION APPLICATIONS**
[54] **CAPTEUR ET DISPOSITIF POUR APPLICATIONS D'IMAGERIE ET DE DETECTION DE DUREE DE VIE**
[72] ROTHBERG, JONATHAN M., US
[72] FIFE, KEITH G., US
[72] BOISVERT, DAVID, US
[71] TESSERACT HEALTH, INC., US
[85] 2018-07-25
[86] 2017-02-17 (PCT/US2017/018278)
[87] (WO2017/143129)
[30] US (62/296,546) 2016-02-17

---

[21] **3,012,706**
[13] A1
[51] **Int.Cl. G01N 29/24 (2006.01) G01H 9/00 (2006.01)**
[25] EN
[54] **DAS METHOD OF ESTIMATING FLUID DISTRIBUTION**
[54] **PROCEDE DAS D'ESTIMATION DE REPARTITION DE FLUIDE**
[72] FRIEHAUF, KYLE, US
[72] GIBSON, MARK R., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-07-25
[86] 2017-03-09 (PCT/US2017/021659)
[87] (WO2017/156323)
[30] US (62/305,777) 2016-03-09
[30] US (62/305,758) 2016-03-09
[30] US (15/453,044) 2017-03-08

---

[21] **3,012,707**
[13] A1
[51] **Int.Cl. A47J 43/07 (2006.01)**
[25] EN
[54] **SPRIALIZED ATTACHMENT FOR FOOD PROCESSOR SYSTEM**
[54] **ACCESSOIRE SPIRALEUR POUR SYSTEME DE ROBOT CULINAIRE**
[72] CODY, THOMAS EDWARD KINGSBOROUGH, GB
[72] POTTER, JAMES RICHARD, GB
[72] CHAMBERS, OLIVER HENRY SHERSTON, GB
[72] ELDRIDGE, COLDEN, US
[72] LEE, DAMIAN, US
[72] BRUNNER, CHARLES STEWART, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2018-07-25
[86] 2017-02-03 (PCT/US2017/016364)
[87] (WO2017/136635)
[30] US (62/290,724) 2016-02-03

---

[21] **3,012,708**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) C09K 8/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **LOW FREQUENCY DISTRIBUTED ACOUSTIC SENSING**
[54] **DETECTION ACOUSTIQUE DISTRIBUEE A BASSE FREQUENCE**
[72] JIN, GE, US
[72] MOSHER, CHARLES C., US
[72] FILICE, FRANK P., US
[72] KRUEGER, KYLE R., US
[72] ROY, BAISHALI, US
[72] TURA, ALI, US
[72] JURICK, DANA M., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-07-25
[86] 2017-03-09 (PCT/US2017/021679)
[87] (WO2017/156338)
[30] US (62/305,758) 2016-03-09
[30] US (62/305,777) 2016-03-09
[30] US (15/453,434) 2017-03-08

[21] **3,012,709**
[13] A1
[51] **Int.Cl. A61N 1/375 (2006.01) A61B 5/00 (2006.01) A61B 5/042 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **PACING GUIDEWIRE**
[54] **FIL-GUIDE DE STIMULATION**
[72] DANIELS, DAVID, US
[72] KUGLER, CHAD, US
[72] BRIDGEMAN, JOHN, US
[72] STRATTON, DEREK, US
[72] PETERSON, DEAN, US
[72] BRENIZER, JOSHUA, US
[71] TELEFLEX INNOVATIONS S.A.R.L., LU
[71] DANIELS, DAVID, US
[85] 2018-07-25
[86] 2017-03-10 (PCT/US2017/021719)
[87] (WO2017/160610)
[30] US (62/310,044) 2016-03-18
[30] US (62/346,214) 2016-06-06
[30] US (62/378,258) 2016-08-23
[30] US (62/436,750) 2016-12-20

---

[21] **3,012,710**
[13] A1
[51] **Int.Cl. B01D 25/12 (2006.01) B01D 21/01 (2006.01) B01D 21/02 (2006.01) B01D 21/24 (2006.01) B01D 37/03 (2006.01) C02F 1/00 (2006.01) C02F 1/52 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WASTE AND WATER TREATMENT**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DES EAUX USEES**
[72] STRAATMANS, TIM, AU
[71] STRAATMANS, TIM, AU
[85] 2018-07-26
[86] 2017-01-27 (PCT/AU2017/000012)
[87] (WO2017/127866)
[30] AU (2016900257) 2016-01-28

---

[21] **3,012,711**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A23L 33/00 (2016.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS FOR MODULATING INTESTINAL MICROBIOTA**
[54] **PROCEDES DE MODULATION DU MICROBIOTE INTESTINAL**
[72] NORDKILD, PETER, DK
[72] WEHKAMP, JAN, DE
[72] KJARULFF, SOREN, DK
[71] DEFENSIN THERAPEUTICS APS, DK
[85] 2018-07-26
[86] 2017-01-26 (PCT/DK2017/050017)
[87] (WO2017/129195)
[30] DK (PA 2016 70041) 2016-01-26
[30] DK (PA 2016 70483) 2016-07-01

---

[21] **3,012,712**
[13] A1
[51] **Int.Cl. B21D 22/02 (2006.01) B21D 22/20 (2006.01) B21D 53/88 (2006.01) B29C 71/02 (2006.01) B62D 25/04 (2006.01) C21D 8/00 (2006.01)**
[25] EN
[54] **B-PILLAR WITH TAILORED PROPERTIES**
[54] **MONTANT MILIEU PRESENTANT DES PROPRIETES ADAPTEES**
[72] SINGH, JASWINDER PAL, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2018-07-25
[86] 2017-03-26 (PCT/US2017/024200)
[87] (WO2017/172546)
[30] US (62/314,764) 2016-03-29

---

[21] **3,012,713**
[13] A1
[51] **Int.Cl. H02P 8/24 (2006.01) F16K 31/04 (2006.01) F16K 31/06 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **VALVE ACTUATOR**
[54] **SERVOMOTEUR DE VANNE**
[72] OBERMOLLER, NILS, DE
[72] MARX, DOMINIC, DE
[72] BOS, BENJAMIN, DE
[71] KARL DUNGS GMBH & CO. KG, DE
[85] 2018-07-26
[86] 2016-03-11 (PCT/EP2016/055364)
[87] (WO2017/153001)

---

[21] **3,012,714**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A COMPONENT FOR AN ELECTRICALLY OPERATED AEROSOL-GENERATING SYSTEM HAVING A DUAL FUNCTION**
[54] **COMPOSANT DESTINE A UN SYSTEME DE GENERATION D'AEROSOL ACTIONNE ELECTRIQUEMENT PRESENTANT UNE DOUBLE FONCTION**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-26
[86] 2016-12-29 (PCT/EP2016/082852)
[87] (WO2017/137138)
[30] EP (16154899.5) 2016-02-09

---

[21] **3,012,715**
[13] A1
[51] **Int.Cl. F16C 33/66 (2006.01) F16H 57/04 (2010.01)**
[25] FR
[54] **ASSEMBLY FOR AN EPICYCLIC REDUCTION GEARSET COMPRISING AT LEAST ONE SATELLITE BEARING COMPRISING LUBRICATION MEANS**
[54] **ENSEMBLE POUR UN REDUCTEUR A TRAIN EPICYCLOIDAL COMPRENANT AU MOINS UN PALIER DE SATELLITE COMPORTANT DES MOYENS DE LUBRIFICATION**
[72] BENYKHLEF, AISSA, FR
[72] GEDIN, PATRICE, FR
[72] BECK, GUILLAUME JULIEN, FR
[72] FERAUD, BENJAMIN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2018-07-25
[86] 2017-01-20 (PCT/FR2017/050117)
[87] (WO2017/134358)
[30] FR (1650786) 2016-02-01

[21] **3,012,716**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0784 (2010.01) C12N 5/16 (2006.01)**
[25] EN
[54] **DENDRITIC CELL-EXTRACELLULAR VESICLE FUSIONS AND METHODS OF USING SAME**
[54] **FUSIONS DE VESICULES EXTRACELLULAIRES ET DE CELLULES DENDRITIQUES ET LEURS METHODES D'UTILISATION**
[72] KUFE, DONALD, US
[72] AVIGAN, DAVID, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, US
[85] 2018-07-25
[86] 2017-03-30 (PCT/US2017/024893)
[87] (WO2017/173016)
[30] US (62/315,384) 2016-03-30

---

[21] **3,012,717**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM, METHOD, AND DEVICE FOR MANAGING WORKFORCE RELATIONSHIPS**
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE GESTION DE RELATIONS AVEC LA MAIN-D'OEUVRE**
[72] KRAMER, ANGELA LAURA, CA
[71] KRAMER CONSULTING LIMITED, CA
[85] 2018-07-26
[86] 2015-04-30 (PCT/CA2015/000285)
[87] (WO2016/119036)
[30] US (61/109,290) 2015-01-29

---

[21] **3,012,718**
[13] A1
[51] **Int.Cl. C12N 15/115 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **COMPOSITIONS WITH IMPROVED INTRAVITREAL HALF-LIFE AND USES THEREOF**
[54] **COMPOSITIONS A DEMI-VIE INTRAVITREENNE AMELIOREE ET LEURS UTILISATIONS**
[72] ERICKSON, CARL, US
[72] RUSCONI, CHRISTOPHER P., US
[72] MCLURE, KEVIN G., US
[72] HUTABARAT, RENTA, US
[71] VITRISA THERAPEUTICS, INC., US
[85] 2018-07-18
[86] 2017-02-08 (PCT/US2017/017066)
[87] (WO2017/139417)
[30] US (62/292,817) 2016-02-08

---

[21] **3,012,719**
[13] A1
[51] **Int.Cl. G01N 33/46 (2006.01) B23B 45/00 (2006.01) B25H 1/00 (2006.01) G01N 3/42 (2006.01)**
[25] EN
[54] **NEEDLE-GUIDING DEVICE FOR A DRILLING RESISTANCE MEASUREMENT UNIT, DRILLING RESISTANCE MEASUREMENT UNIT, AND DRILLING RESISTANCE MEASUREMENT METHOD FOR INVESTIGATING THE NATURE OF WOOD**
[54] **DISPOSITIF DE GUIDAGE DE MECHE POUR RESISTOGRAPHE, RESISTOGRAPHE ET PROCEDE RESISTOGRAPHIQUE POUR ETUDIER LES CARACTERISTIQUES DU BOIS**
[72] HUNGER, ERICH, DE
[72] HUNGER, SEBASTIAN, DE
[72] HUNGER, FABIAN, DE
[71] IML INSTRUMENTA MECHANIK LABOR GMBH, DE
[85] 2018-07-26
[86] 2017-09-22 (PCT/EP2017/001132)
[87] (WO2018/065086)
[30] DE (10 2016 011 776.1) 2016-10-04

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[21] **3,012,720**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **FRIZZLED PROTEIN-BINDING AGENTS AND METHODS OF USE THEREOF**
[54] **AGENTS DE LIAISON AUX PROTEINES FRIZZLED ET METHODES D'UTILISATION**
[72] PAN, GUOHUA, CA
[72] MOFFAT, JASON, CA
[72] SIDHU, SACHDEV, CA
[72] ANGERS, STEPHANE, CA
[72] STEINHART, ZACHARY, CA
[72] WANG, XIAOWEI, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-07-26
[86] 2017-01-27 (PCT/CA2017/050090)
[87] (WO2017/127933)
[30] US (62/289,012) 2016-01-29

---

[21] **3,012,721**
[13] A1
[51] **Int.Cl. G03B 43/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED CAMERA CALIBRATION**
[54] **SYSTEMES ET PROCEDES D'ETALONNAGE AUTOMATISE D'APPAREIL PHOTOGRAPHIQUE**
[72] JAVAN ROSHTKHARI, MEHRSAN, CA
[72] GAMBOA HIGUERA, JUAN CAMILO, CA
[72] DUDEK, GREGORY LEWIS, CA
[71] SPORTLOGIQ INC., CA
[85] 2018-07-26
[86] 2017-02-02 (PCT/CA2017/050117)
[87] (WO2017/132766)
[30] US (62/290,558) 2016-02-03

[21] **3,012,722**
[13] A1
[51] **Int.Cl. D21H 11/18 (2006.01) D21B 1/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING MICROFIBRILLATED CELLULOSE AND A PRODUCT THEREOF**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE MICROFIBRILLEE ET PRODUIT CORRESPONDANT**
[72] VANHATALO, KARI, FI
[72] LUNDIN, TOM, FI
[72] LILLANDT, MARCUS, FI
[71] KEMIRA OYJ, FI
[85] 2018-07-26
[86] 2016-12-22 (PCT/FI2016/050916)
[87] (WO2017/134334)
[30] FI (20165074) 2016-02-03

---

[21] **3,012,723**
[13] A1
[51] **Int.Cl. C01B 3/04 (2006.01) B01J 7/00 (2006.01)**
[25] FR
[54] **SYSTEM AND PROCESS FOR GENERATING HYDROGEN GAS**
[54] **SYSTEME ET PROCEDE DE GENERATION D'HYDROGENE GAZEUX**
[72] FOURNET, ARNAUD, FR
[72] FOURNIER, JEAN-JACQUES, FR
[71] ARIANEGROUP SAS, FR
[85] 2018-07-25
[86] 2017-01-24 (PCT/FR2017/050145)
[87] (WO2017/129889)
[30] FR (1650584) 2016-01-26

---

[21] **3,012,724**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **COMMUNICATION MINING ANALYTICS SYSTEM**
[54] **SYSTEME D'ANALYSE PAR EXPLOITATION DES COMMUNICATIONS**
[72] RENGANATHAN, RAMPRASAD, US
[72] DOMNICK, LAUREN, US
[72] CROKE, DEAN, US
[71] OMNITRACS, LLC, US
[85] 2018-07-18
[86] 2017-01-27 (PCT/US2017/015510)
[87] (WO2017/132624)
[30] US (15/011,239) 2016-01-29

---

[21] **3,012,725**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **SIGNALING AND DETECTION OF A TRANSMITTER IDENTIFIER IN A BROADCAST TRANSMISSION NETWORK**
[54] **SIGNALISATION ET DETECTION D'UN IDENTIFICATEUR D'EMETTEUR DANS UN RESEAU DE TRANSMISSION DE DIFFUSION**
[72] ATUNGSIRI, SAMUEL ASANGBENG, GB
[72] MICHAEL, LACHLAN BRUCE, JP
[71] SONY CORPORATION, JP
[85] 2018-07-26
[86] 2017-02-06 (PCT/GB2017/050293)
[87] (WO2017/137731)
[30] GB (1602587.6) 2016-02-12

---

[21] **3,012,726**
[13] A1
[51] **Int.Cl. B22D 11/04 (2006.01)**
[25] FR
[54] **TOOLING FOR PRODUCING A METAL PRODUCT BY FEED CASTING**
[54] **OUTILLAGE PERMETTANT LA FABRICATION D'UN PRODUIT EN METAL PAR COULEE EN CHARGE**
[72] VALENTIN, BERNARD, FR
[72] BALLU, ARNAUD, FR
[72] BLAIS, SOIZIC, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-07-25
[86] 2017-01-27 (PCT/FR2017/050196)
[87] (WO2017/129922)
[30] FR (1650763) 2016-01-29

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[21] **3,012,727**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **PREMISES NETWORKING DEVICE AND METHOD OF OPERATION**
[54] **DISPOSITIF DE MISE EN RESEAU DE LOCAUX ET PROCEDE D'EXPLOITATION**
[72] KANOJIA, CHAITANYA, US
[72] MOULLE-BERTEAUX, ALEX, US
[72] LOVELAND, BRIAN SCOTT, US
[72] LEHMAN, DONALD, US
[72] LIPOWSKI, JOSEPH THADDEUS, US
[71] STARRY, INC., US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015142)
[87] (WO2017/132384)
[30] US (62/287,528) 2016-01-27
[30] US (62/326,210) 2016-04-22

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[21] **3,012,728**
[13] A1
[51] **Int.Cl. H04B 1/525 (2015.01) H04B 17/345 (2015.01) H04B 17/354 (2015.01) H04B 17/373 (2015.01) H04B 1/10 (2006.01)**
[25] EN
[54] **DYNAMIC NOISE MITIGATION DEVICE**
[54] **DISPOSITIF D'ATTENUATION DE BRUIT DYNAMIQUE**
[72] ALKAN, ERDOGAN, US
[72] PALINKAS, RAYMOND W., US
[72] MCKINNON, AMOS, US
[71] PPC BROADBAND, INC., US
[85] 2018-07-25
[86] 2017-01-27 (PCT/US2017/015313)
[87] (WO2017/132495)
[30] US (62/288,850) 2016-01-29

[21] **3,012,729**
[13] A1
[51] **Int.Cl. B01F 5/06 (2006.01) F15D 1/02 (2006.01) F17D 3/18 (2006.01)**
[25] EN
[54] **STATIC MIXER FOR FLUID FLOW IN A PIPELINE**
[54] **MELANGEUR STATIQUE POUR ECOULEMENT DE FLUIDE DANS UN PIPELINE**
[72] SELIRIO, REGINALD, CA
[72] SELIRIO, RAPH, CA
[72] SAWCHUK, DANIEL A., CA
[71] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[85] 2018-07-26
[86] 2017-09-29 (PCT/CA2017/051153)
[87] (WO2018/107268)
[30] US (62/432,732) 2016-12-12
[30] US (62/506,668) 2017-05-16

[21] **3,012,730**
[13] A1
[51] **Int.Cl. H04B 7/0452 (2017.01) H04B 7/06 (2006.01)**
[25] EN
[54] **HIGH FREQUENCY WIRELESS ACCESS NETWORK**
[54] **RESEAU D'ACCES SANS FIL HAUTE FREQUENCE**
[72] LIPOWSKI, JOSEPH THADDEUS, US
[72] KANOJIA, CHAITANYA, US
[72] KALITA, NICHOLAS JOHN, US
[72] KAISER, JOSEPH ANTHONY, JR., US
[72] POND, DANIEL TRACY, US
[71] STARRY, INC., US
[85] 2018-07-25
[86] 2017-01-27 (PCT/US2017/015323)
[87] (WO2017/132501)
[30] US (62/287,605) 2016-01-27

[21] **3,012,731**
[13] A1
[51] **Int.Cl. A47L 9/14 (2006.01) A47L 5/30 (2006.01) A47L 9/20 (2006.01)**
[25] EN
[54] **DIRT-COLLECTION CHAMBER AND SUCTION HEAD FOR A VACUUM CLEANER**
[54] **CHAMBRE DE COLLECTE DE SALETE ET TETE D'ASPIRATION POUR ASPIRATEUR**
[72] GREY, NICHOLAS GERALD, GB
[72] ISTED, MATTHEW JAMES, GB
[72] KENT, ANDREW JOHN, GB
[71] GREY TECHNOLOGY LIMITED, GB
[85] 2018-07-26
[86] 2017-02-27 (PCT/GB2017/050509)
[87] (WO2017/144918)
[30] GB (1603302.9) 2016-02-25

[21] **3,012,732**
[13] A1
[51] **Int.Cl. G01N 21/90 (2006.01) G01B 11/04 (2006.01) G01B 11/245 (2006.01) G01B 11/26 (2006.01)**
[25] EN
[54] **CASED GOODS INSPECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INSPECTION DE MARCHANDISES ENCAISSEES**
[72] DUCHARME, MARC, CA
[72] JODOIN, ROBERT, CA
[72] LAROUCHE, BENOIT, CA
[72] MORENCY, SYLVAIN-PAUL, CA
[72] SIMON, CHRISTIAN, CA
[71] SYMBOTIC CANADA, ULC, CA
[85] 2018-07-26
[86] 2017-01-26 (PCT/IB2017/000110)
[87] (WO2017/130061)
[30] US (62/287,128) 2016-01-26
[30] US (15/416,922) 2017-01-26

[21] **3,012,733**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/22 (2006.01) A61J 3/00 (2006.01) A61M 5/32 (2006.01) B65B 1/04 (2006.01)**
[25] EN
[54] **PRESSURE-REGULATING VIAL ADAPTORS**
[54] **ADAPTATEURS POUR FLACON DE REGULATION DE PRESSION**
[72] FANGROW, THOMAS F., US
[71] ICU MEDICAL, INC., US
[85] 2018-07-25
[86] 2017-01-27 (PCT/US2017/015468)
[87] (WO2017/132588)
[30] US (62/288,950) 2016-01-29

[21] **3,012,734**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/00 (2016.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING SURGICAL GUIDANCE BASED ON POLARIZATION-SENSITIVE OPTICAL COHERENCE TOMOGRAPHY**
[54] **SYSTEME ET PROCEDE DE GUIDAGE CHIRURGICAL FONDE SUR LA TOMOGRAPHIE PAR COHERENCE OPTIQUE SENSIBLE A LA POLARISATION**
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-07-26
[86] 2017-01-16 (PCT/IB2017/050226)
[87] (WO2017/134536)
[30] CA (PCT/CA2016/050105) 2016-02-05

[21] **3,012,735**
[13] A1
[51] **Int.Cl. F16H 57/025 (2012.01)**
[25] EN
[54] **SYSTEM FOR AXIALLY COUPLING AN ENGINE SHAFT TO A DRIVE SHAFT**
[54] **SYSTEME D'ACCOUPLEMENT AXIAL D'UN ARBRE MOTEUR SUR UN ARBRE DE TRANSMISSION**
[72] DECAUX, STEPHANE, FR
[72] MOTTE, EMMANUEL, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-26
[86] 2017-01-13 (PCT/FR2017/050083)
[87] (WO2017/129879)
[30] FR (1650613) 2016-01-26

[21] **3,012,736**
[13] A1
[51] **Int.Cl. A61F 13/80 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD AND SYSTEM OF PROVIDING GAMING SERVICES**
[54] **SYSTEME ET PROCEDE MIS EN OEUVRE PAR ORDINATEUR POUR FOURNIR DES SERVICES DE JEU**
[72] ESCALANTE, LAURENCE, AU
[71] VGW HOLDING LIMITED, AU
[85] 2018-07-26
[86] 2017-03-21 (PCT/IB2017/000363)
[87] (WO2017/163125)
[30] US (62/311,958) 2016-03-23

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[21] **3,012,737**
[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **GARMENT HAVING CUP PARTS**
[54] **VETEMENT POSSEDANT DES PARTIES BONNET**
[72] YAMAMOTO, AKEMI, JP
[72] ADACHI, SATOKO, JP
[71] WACOAL CORP., JP
[85] 2018-07-26
[86] 2016-01-27 (PCT/JP2016/052276)
[87] (WO2017/130311)

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[21] **3,012,738**
[13] A1
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 4/18 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **DOWNHOLE TRACTOR COMPRISING A HYDRAULIC SUPPLY LINE FOR ACTUATING HYDRAULIC COMPONENTS**
[54] **TRACTEUR DE FOND DE TROU COMPRENANT UNE CONDUITE D'ALIMENTATION HYDRAULIQUE PERMETTANT D'ACTIONNER DES ELEMENTS HYDRAULIQUES**
[72] MCINALLY, GERALD, NO
[71] ALTUS INTERVENTION (TECHNOLOGIES) AS, NO
[85] 2018-07-26
[86] 2017-01-18 (PCT/NO2017/050017)
[87] (WO2017/142415)
[30] NO (20160278) 2016-02-17

---

[21] **3,012,739**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH LIQUID LEVEL DETERMINATION AND METHOD OF DETERMINING LIQUID LEVEL IN AN AEROSOL-GENERATING SYSTEM**
[54] **SYSTEME GENERATEUR D'AEROSOL DOTE D'UNE DETERMINATION DE NIVEAU DE LIQUIDE ET PROCEDE DE DETERMINATION DE NIVEAU D'UN LIQUIDE DANS UN SYSTEME GENERATEUR D'AEROSOL**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-26
[86] 2017-01-10 (PCT/EP2017/050374)
[87] (WO2017/144191)
[30] EP (16157420.7) 2016-02-25

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[21] **3,012,740**
[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01) A01M 25/00 (2006.01) A61D 11/00 (2006.01) C02F 1/50 (2006.01)**
[25] EN
[54] **DEVICE, METHOD AND SYSTEM FOR DISTRIBUTING PESTICIDE IN A FISH PEN**
[54] **TRAITEMENT DE POISSONS**
[72] LILLICRAP, ADAM, NO
[72] LANGFORD, KATHERINE, NO
[72] REID, MALCOLM, NO
[71] NIVA, NO
[85] 2018-07-26
[86] 2017-01-27 (PCT/NO2017/050025)
[87] (WO2017/142416)
[30] NO (20160137) 2016-01-29

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[21] **3,012,741**
[13] A1
[51] **Int.Cl. A61K 35/28 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING CANCER AND NEOPLASMS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE CANCERS ET DE NEOPLASMES**
[72] ABERMAN, ZAMI, IL
[72] OFIR, RACHEL, IL
[72] ALLEN, HOSHEA YISSACHAR, IL
[72] GILERT, ARIEL, IL
[72] SHRAGA HELED, NIVA, IL
[71] PLURISTEM LTD., IL
[85] 2018-07-26
[86] 2017-02-16 (PCT/IB2017/050868)
[87] (WO2017/141181)
[30] US (62/296,621) 2016-02-18

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[21] **3,012,742**
[13] A1
[51] **Int.Cl. B08B 9/032 (2006.01) B08B 3/02 (2006.01) B08B 9/027 (2006.01) E21B 27/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLEANING A RECEPTACLE**
[54] **SYSTEME ET PROCEDE POUR LE NETTOYAGE D'UN RECEPTACLE**
[72] OSALAND, ESPEN, NO
[72] SKRETTING, DANIEL, NO
[71] ALTUS INTERVENTION (TECHNOLOGIES) AS, NO
[85] 2018-07-26
[86] 2017-03-14 (PCT/NO2017/050063)
[87] (WO2017/160157)
[30] NO (20160433) 2016-03-15

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[21] **3,012,745**
[13] A1
[51] **Int.Cl. F01N 3/02 (2006.01)**
[25] EN
[54] **MULTIPURPOSE AIR POLLUTION & HEAT REDUCING DEVICE**
[54] **DISPOSITIF POLYVALENT REDUISANT LA POLLUTION ET LA CHALEUR DE L'AIR**
[72] MOHAMMAD ARIF, MIRZA, IN
[71] MOHAMMAD ARIF, MIRZA, IN
[85] 2018-07-26
[86] 2017-01-25 (PCT/IN2017/000018)
[87] (WO2017/130215)
[30] IN (201611002839) 2016-01-27

[21] **3,012,748**
[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01) B05B 7/12 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE FOR SPRAYING A SPRAYABLE FLUID**
[54] **DISPOSITIF DE DISTRIBUTION DESTINE A PULVERISER UN FLUIDE PULVERISABLE**
[72] WAGNER, WERNER, DE
[71] GELUPAS GMBH, DE
[85] 2018-07-26
[86] 2017-01-27 (PCT/EP2017/051779)
[87] (WO2017/129750)
[30] DE (20 2016 100 418.7) 2016-01-28

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[21] **3,012,750**
[13] A1
[51] **Int.Cl. G01R 33/58 (2006.01) A61K 49/06 (2006.01) G01R 33/56 (2006.01)**
[25] EN
[54] **CALIBRATION OF MRI SYSTEMS USING PRE-DEFINED CONCENTRATIONS OF 19F ISOTOPES AS REFERENCE**
[54] **ETALONNAGE DE SYSTEMES IRM EN UTILISANT DES CONCENTRATIONS PREDEFINIES D'ISOTOPES 19F COMME REFERENCE**
[72] KELLER, THORSTEN, DE
[72] DIETRICH, THORE, DE
[72] FLECK, ECKART, DE
[71] B. BRAUN MELSUNGEN AG, DE
[85] 2018-07-26
[86] 2017-02-01 (PCT/EP2017/052092)
[87] (WO2017/134070)
[30] EP (16153814.5) 2016-02-02

---

[21] **3,012,751**
[13] A1
[51] **Int.Cl. G01R 31/08 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **METHOD OF LOCATING A FAULT IN A POWER TRANSMISSION SCHEME**
[54] **PROCEDE DE LOCALISATION D'UN DEFAUT DANS UN SYSTEME DE TRANSMISSION D'ENERGIE**
[72] HA, HENGXU, GB
[72] SUBRAMANIAN, SANKARA, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-07-26
[86] 2017-02-02 (PCT/EP2017/052205)
[87] (WO2017/134136)
[30] EP (16275017.8) 2016-02-02

---

[21] **3,012,752**
[13] A1
[51] **Int.Cl. A45C 11/24 (2006.01) A45C 7/00 (2006.01) A45C 13/10 (2006.01) B42D 3/04 (2006.01) B65D 5/00 (2006.01)**
[25] EN
[54] **PROTECTIVE COVER**
[54] **ENVELOPPE DE PROTECTION**
[72] LEITERMANN, MARC, DE
[71] LEITERMANN, MARC, DE
[85] 2018-07-26
[86] 2017-02-08 (PCT/EP2017/052699)
[87] (WO2017/137414)
[30] DE (10 2016 201 968.6) 2016-02-10

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[21] **3,012,753**
[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLYING ADHESIVE AND/OR SEALANT**
[54] **DISPOSITIF POUR APPLIQUER UN ADHESIF OU UN MATERIAU D'ETANCHEITE**
[72] RUSHE, PETER, DE
[72] RUTHE-STEINSIEK, KAI, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2018-07-26
[86] 2017-02-15 (PCT/EP2017/053396)
[87] (WO2017/140724)
[30] DE (10 2016 202 529.5) 2016-02-18

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[21] **3,012,755**
[13] A1
[51] **Int.Cl. B26D 1/00 (2006.01) B26D 1/03 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **SLICING APPARATUSES AND METHODS FOR SLICING PRODUCTS**
[54] **APPAREILS DE TRANCHAGE ET PROCEDES POUR TRANCHER DES PRODUITS**
[72] JACKO, MICHAEL SCOT, US
[71] URSCHEL LABORATORIES, INC., US
[85] 2018-07-26
[86] 2016-11-18 (PCT/US2016/062772)
[87] (WO2017/138993)
[30] US (15/040,521) 2016-02-10

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[21] **3,012,757**
[13] A1
[51] **Int.Cl. A46B 15/00 (2006.01) A46B 5/00 (2006.01) A46B 5/02 (2006.01) A46B 7/00 (2006.01) A46B 9/02 (2006.01) A47L 17/00 (2006.01) B08B 9/20 (2006.01) B08B 9/36 (2006.01)**
[25] EN
[54] **BOTTLE BRUSH**
[54] **GOUPILLON**
[72] BIRKERT, THOMAS E., US
[72] CHAN, SUNG YUN, US
[72] TEBBE, MARK GERARD, US
[72] DUNN, STEVEN BRYAN, US
[72] HATHERILL, MARK A., US
[72] KANG, YONG SUN SIMON, US
[71] MUNCHKIN, INC., US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015068)
[87] (WO2017/132335)
[30] US (62/287,381) 2016-01-26
[30] US (15/415,767) 2017-01-25

[21] **3,012,759**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **STABLE LIQUID GONADOTROPIN FORMULATION**
[54] **FORMULATION LIQUIDE STABLE DE GONADOTROPHINES**
[72] SJOGREN, HELEN ULRIKA, SE
[72] HOJER-PEDERSEN, CHARLOTTE, DK
[71] FERRING B.V., NL
[85] 2018-07-26
[86] 2017-02-24 (PCT/EP2017/054325)
[87] (WO2017/144659)
[30] GB (1603280.7) 2016-02-24

---

[21] **3,012,760**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **E-VAPING CARTRIDGE AND DEVICE**
[54] **CARTOUCHE ET DISPOSITIF DE VAPORISATION ELECTRONIQUE**
[72] KANE, DAVID, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-26
[86] 2017-03-10 (PCT/EP2017/055746)
[87] (WO2017/153597)
[30] US (15/066,588) 2016-03-10

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[21] **3,012,761**
[13] A1
[51] **Int.Cl. F16L 11/12 (2006.01) B60D 1/62 (2006.01) B60T 17/04 (2006.01) F16L 19/02 (2006.01) F16L 27/08 (2006.01) F16L 33/22 (2006.01) F16L 33/30 (2006.01) F16L 35/00 (2006.01) F16L 57/00 (2006.01) F16L 57/02 (2006.01)**
[25] EN
[54] **IMPROVED GRIP AND FITTING ASSEMBLIES AND KITS UTILIZING THE SAME**
[54] **ENSEMBLES PRISE ET RACCORD PERFECTIONNES ET KITS UTILISANT LESDITS ENSEMBLES**
[72] PAPAFAGOS, JAMES C., US
[71] TECTRAN MFG. INC., US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015111)
[87] (WO2017/132364)
[30] US (62/287,420) 2016-01-26
[30] US (15/233,006) 2016-08-10

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[21] **3,012,763**
[13] A1
[51] **Int.Cl. G02B 5/26 (2006.01) G02B 5/28 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **SPECTACLE LENS WITH A COATING**
[54] **VERRE DE LUNETTES COMPORTANT UN REVETEMENT**
[72] GLOEGE, THOMAS, DE
[72] KRAUSE, MICHAEL, DE
[72] LAPPE, CHRISTIAN, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2018-07-26
[86] 2017-10-06 (PCT/EP2017/075510)
[87] (WO2018/073023)
[30] DE (10 2016 120 122.7) 2016-10-21

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[21] **3,012,764**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/00 (2006.01) A61K 39/385 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **ALK POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES ALK ET LEURS PROCEDES D'UTILISATION**
[72] LI, ADRIENNE, US
[72] EBY, JACKSON, US
[72] DEMUTH, PETER C., US
[71] VEDANTRA PHARMACEUTICALS, INC., US
[85] 2018-07-26
[86] 2017-01-27 (PCT/US2017/015422)
[87] (WO2017/132555)
[30] US (62/288,972) 2016-01-29

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[21] **3,012,766**
[13] A1
[51] **Int.Cl. D21F 11/00 (2006.01) D21F 3/02 (2006.01)**
[25] EN
[54] **METHODS OF MAKING PAPER PRODUCTS USING A MOLDING ROLL**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE PAPIER A L'AIDE DE ROULEAU DE MOULAGE**
[72] BECK, DAVID A., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-07-26
[86] 2017-01-31 (PCT/US2017/015710)
[87] (WO2017/139123)
[30] US (62/292,377) 2016-02-08

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[21] **3,012,781**
[13] A1
[51] **Int.Cl. G06F 7/57 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **PROCESSOR WITH RECONFIGURABLE ALGORITHMIC PIPELINED CORE AND ALGORITHMIC MATCHING PIPELINED COMPILER**
[54] **PROCESSEUR AVEC C□UR EN PIPELINE ALGORITHMIQUE RECONFIGURABLE ET COMPILATEUR EN PIPELINE D'APPARIEMENT ALGORITHMIQUE**
[72] CATILLER, ROBERT, US
[71] ICAT LLC, US
[85] 2018-07-25
[86] 2017-01-26 (PCT/US2017/015143)
[87] (WO2017/132385)
[30] US (62/287,265) 2016-01-26

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[21] **3,012,783**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C40B 40/06 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSING RISK OF DEVELOPING COLORECTAL CANCER**
[54] **METHODES POUR EVALUER LE RISQUE DE DEVELOPPER UN CANCER COLORECTAL**
[72] JENKINS, MARK, AU
[72] BUCHANAN, DANIEL, AU
[72] HOPPER, JOHN L., AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2018-07-26
[86] 2017-01-27 (PCT/AU2017/050066)
[87] (WO2017/127893)
[30] AU (2016900254) 2016-01-28
[30] AU (2016903246) 2016-08-16

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[21] **3,012,787**
[13] A1
[51] **Int.Cl. A01G 3/00 (2006.01) A01D 34/52 (2006.01)**
[25] EN
[54] **PLANT TRIMMING MACHINE**
[54] **MACHINE A TAILLER LES PLANTES**
[72] INGRAM, ERIK, CA
[71] KEIRTON INC., CA
[85] 2018-07-26
[86] 2016-03-23 (PCT/CA2016/050339)
[87] (WO2017/161435)

[21] **3,012,791**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61K 31/5513 (2006.01) A61K 31/5517 (2006.01) A61P 17/04 (2006.01)**
[25] EN
[54] **USE OF GABAA RECEPTOR MODULATORS FOR TREATMENT OF ITCH**
[54] **UTILISATION DE MODULATEURS DES RECEPTEURS GABAA POUR LE TRAITEMENT DES DEMANGEAISONS**
[72] ZEILHOFER, HANNS ULRICH, CH
[72] RALVENIUS, WILLIAM, CH
[71] UNIVERSITAT ZURICH, CH
[85] 2018-07-26
[86] 2017-01-27 (PCT/EP2017/051866)
[87] (WO2017/129801)
[30] EP (16153035.7) 2016-01-27
[30] EP (16178824.5) 2016-07-11

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[21] **3,012,792**
[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) C09B 17/00 (2006.01) C09B 21/00 (2006.01)**
[25] EN
[54] **POLYAMIDE COMPOSITION COMPRISING A POLYAMIDE AND AN ADDITIVE**
[54] **COMPOSITION DE POLYAMIDE CONTENANT UN POLYAMIDE ET UN ADDITIF**
[72] GABRIEL, CLAUS, DE
[72] GRAMLICH, SIMON, DE
[72] OSTERMANN, RAINER, DE
[72] RICHTER, FLORIAN, DE
[72] DABBOUS, RAPHAEL, CH
[72] MEIER, THOMAS, DE
[72] SCHROF, WOLFGANG, DE
[71] BASF SE, DE
[85] 2018-07-26
[86] 2017-02-16 (PCT/EP2017/053526)
[87] (WO2017/140795)
[30] EP (16156545.2) 2016-02-19

---

[21] **3,012,797**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01)**
[25] EN
[54] **G PROTEINS**
[54] **PROTEINES G**
[72] CARPENTER, BYRON, GB
[72] LESLIE, ANDREW, GB
[72] NEHME, RONY, GB
[72] TATE, CHRISTOPHER GORDON, GB
[72] WARNE, ANTONY, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
[85] 2018-07-26
[86] 2017-01-27 (PCT/GB2017/050221)
[87] (WO2017/129998)
[30] GB (1601690.9) 2016-01-29

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[21] **3,012,805**
[13] A1
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61C 19/00 (2006.01)**
[25] EN
[54] **AUTOMATED DENTAL TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DENTAIRE AUTOMATISE**
[72] CIRIELLO, CHRISTOPHER JOHN, CA
[72] CIRIELLO, ROBERT JOSEPH, CA
[72] FARWELL, JAMES ALEXANDER, CA
[71] CIRIELLO, CHRISTOPHER JOHN, CA
[71] CIRIELLO, ROBERT JOSEPH, CA
[71] FARWELL, JAMES ALEXANDER, CA
[85] 2018-07-26
[86] 2017-01-26 (PCT/IB2017/000109)
[87] (WO2017/130060)
[30] US (62/287,212) 2016-01-26

---

[21] **3,012,808**
[13] A1
[51] **Int.Cl. H05B 6/10 (2006.01)**
[25] EN
[54] **INDUCTION HEATING DEVICE AND INDUCTION HEATING METHOD**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET PROCEDE DE CHAUFFAGE PAR INDUCTION**
[72] UMETSU, KENJI, JP
[72] UEKI, TSUTOMU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-26
[86] 2016-03-30 (PCT/JP2016/060426)
[87] (WO2017/168639)

---

[21] **3,012,809**
[13] A1
[51] **Int.Cl. H02J 7/34 (2006.01) H01G 11/08 (2013.01) H01M 2/10 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **ELECTRIC POWER STORAGE APPARATUS**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE**
[72] BANDO, SOICHIRO, JP
[72] HAYASHI, MASATO, JP
[72] HAMAMATSU, MASANORI, JP
[72] EZAKI, HIDEAKI, JP
[72] TOKUYAMA, KAZUMA, JP
[72] OHNO, TATSUYA, JP
[72] TAKEDA, KAZUYA, JP
[72] KUJIME, YASUNORI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2018-07-26
[86] 2017-01-27 (PCT/JP2017/003020)
[87] (WO2017/135173)
[30] JP (2016-017403) 2016-02-01

[21] **3,012,810**
[13] A1
[51] **Int.Cl. G01N 21/76 (2006.01) C07D 213/04 (2006.01) C08F 126/06 (2006.01) C08F 226/06 (2006.01) G01N 21/75 (2006.01) G01N 21/78 (2006.01)**
[25] EN
[54] **DETECTION OF ORGANIC COMPOUNDS**
[54] **DETECTION DE COMPOSES ORGANIQUES**
[72] LEUNG, HING YIU, CN
[71] LEUNG, HING YIU, CN
[85] 2018-07-26
[86] 2017-01-27 (PCT/IB2017/050431)
[87] (WO2017/130143)
[30] HK (16101090.9) 2016-01-29

---

[21] **3,012,812**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 1/04 (2006.01) A61P 1/18 (2006.01) A61P 3/10 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01) A61P 11/14 (2006.01) A61P 17/04 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 403/12 (2006.01) C07D 409/14 (2006.01) C07D 491/048 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **HETEROCYCLIC SULFONAMIDE DERIVATIVE AND MEDICINE CONTAINING SAME**
[54] **DERIVE DE SULFONAMIDE HETEROCYCLIQUE ET MEDICAMENT LE CONTENANT**
[72] KOBAYASHI, KAORI, JP
[72] SUZUKI, TAMOTSU, JP
[72] OKUZUMI, TATSUYA, JP
[71] EA PHARMA CO., LTD., JP
[85] 2018-07-26
[86] 2017-02-03 (PCT/JP2017/004134)
[87] (WO2017/135462)
[30] JP (2016-021358) 2016-02-05

---

[21] **3,012,814**
[13] A1
[51] **Int.Cl. F41H 1/02 (2006.01) B23B 3/06 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **BALLISTIC BODY ARMOR PANELS AND METHODS OF MAKING SAME**
[54] **PANNEAUX DE GILET PARE-BALLES ET LEURS PROCEDES DE FABRICATION**
[72] FIELD, BRADLEY JAMES, CA
[71] PRE LABS INC., CA
[85] 2018-07-26
[86] 2017-02-09 (PCT/CA2017/050149)
[87] (WO2017/136936)
[30] US (62/293,641) 2016-02-10

---

[21] **3,012,815**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/09 (2006.01) G01N 21/78 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING TARGET NUCLEIC ACID AND NUCLEIC ACID PROBE USED THEREIN**
[54] **PROCEDE DE DETECTION D'ACIDE NUCLEIQUE CIBLE ET SONDE D'ACIDE NUCLEIQUE UTILISEE DANS CE PROCEDE**
[72] SAEKI, RYOHEI, JP
[71] EIKEN KAGAKU KABUSHIKI KAISHA, JP
[85] 2018-07-26
[86] 2017-02-06 (PCT/JP2017/004191)
[87] (WO2017/138484)
[30] JP (2016-022659) 2016-02-09

---

[21] **3,012,816**
[13] A1
[51] **Int.Cl. F28F 9/02 (2006.01) F28F 3/08 (2006.01) F28F 9/22 (2006.01) C07C 1/04 (2006.01) C07C 9/04 (2006.01)**
[25] EN
[54] **HEAT TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT THERMIQUE**
[72] BABA, YASUHIRO, JP
[72] SAKAKURA, SHIGEKI, JP
[72] HONMA, NOBUYUKI, JP
[72] SAKATA, TOSHIYUKI, JP
[72] TSURUGAYA, KOHEI, JP
[72] TSUNODA, DAISUKE, JP
[71] IHI CORPORATION, JP
[85] 2018-07-26
[86] 2017-02-15 (PCT/JP2017/005532)
[87] (WO2017/141967)
[30] JP (2016-027605) 2016-02-17

---

[21] **3,012,817**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) D01F 4/02 (2006.01)**
[25] EN
[54] **MODIFIED FIBROIN**
[54] **FIBROINE MODIFIEE**
[72] MORITA, KEISUKE, JP
[72] SUGAHARA, JUNICHI, JP
[71] SPIBER INC., JP
[71] KOJIMA INDUSTRIES CORPORATION, JP
[85] 2018-07-26
[86] 2017-04-28 (PCT/JP2017/016917)
[87] (WO2017/188430)
[30] JP (2016-091201) 2016-04-28
[30] JP (2016-220741) 2016-11-11

---

[21] **3,012,818**
[13] A1
[51] **Int.Cl. G01N 3/00 (2006.01)**
[25] EN
[54] **FRACTURE PREDICTION METHOD AND DEVICE, PROGRAM, AND RECORDING MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE PREDICTION DE RUPTURE, PROGRAMME, ET SUPPORT D'ENREGISTREMENT**
[72] AITOH, TAKAHIRO, JP
[72] NIWA, TOSHIYUKI, JP
[72] KASEDA, YOSHIYUKI, JP
[72] MANIWA, NOBUYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-26
[86] 2017-02-03 (PCT/JP2017/004047)
[87] (WO2017/135432)
[30] JP (2016-021170) 2016-02-05
[30] JP (2016-023823) 2016-02-10

[21] **3,012,819**
[13] A1
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/00 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **COLLAPSIBLE CONE FOR AN EXPANDABLE LINER HANGER SYSTEM**
[54] **CONE RETRACTABLE POUR SYSTEME DE SUSPENSION DE COLONNE PERDUE EXTENSIBLE**
[72] KOHN, GARY ALLEN, US
[72] MORENO, CARLOS ALBERTO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-26
[86] 2016-02-29 (PCT/US2016/020042)
[87] (WO2017/151092)

---

[21] **3,012,820**
[13] A1
[51] **Int.Cl. A61K 38/04 (2006.01) A61K 38/00 (2006.01) C07K 14/715 (2006.01)**
[25] EN
[54] **PEPTIDE INHIBITION OF CCR3-MEDIATED DISEASES OR CONDITIONS**
[54] **INHIBITION PEPTIDIQUE DES MALADIES OU AFFECTIONS MEDIEES PAR LE CCR3**
[72] ACKERMAN, STEVEN J., US
[72] LAFFEY, FAN GAO, US
[72] HITCHINSON, BEN, US
[72] GARNIER, BORIS, FR
[72] GAPONENKO, VADIM, US
[72] TARASOVA, NADYA, US
[72] ABDELKARIM, HAZEM, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2018-07-26
[86] 2016-02-12 (PCT/US2016/017714)
[87] (WO2016/130899)
[30] US (62/115,880) 2015-02-13

---

[21] **3,012,821**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) D01F 4/02 (2006.01)**
[25] EN
[54] **MODIFIED FIBROIN**
[54] **FIBROINE MODIFIEE**
[72] MORITA KEISUKE, JP
[72] NAKAMURA HIROYUKI, JP
[71] SPIBER INC., JP
[71] KOJIMA INDUSTRIES CORPORATION, JP
[85] 2018-07-26
[86] 2017-04-28 (PCT/JP2017/016925)
[87] (WO2017/188434)
[30] JP (2016-091196) 2016-04-28
[30] JP (2016-220744) 2016-11-11

---

[21] **3,012,822**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **DIGITAL VIRTUAL CURRENCY TRANSACTION SYSTEM AND METHOD HAVING BLOCK CHAIN BETWEEN CONCERNED PARTIES**
[54] **SYSTEME ET PROCEDE DE TRANSACTIONS EN DEVISES VIRTUELLES NUMERIQUES AYANT UNE CHAINE DE BLOCS ENTRE LES PARTIES CONCERNEES**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] PARK, JONG EUN, KR
[71] COINPLUG, INC., KR
[85] 2018-07-26
[86] 2015-10-07 (PCT/KR2015/010582)
[87] (WO2016/171349)
[30] KR (10-2015-0055000) 2015-04-20

---

[21] **3,012,823**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/38 (2012.01) H04L 9/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **TAMPERING VERIFICATION SYSTEM AND METHOD FOR FINANCIAL INSTITUTION CERTIFICATES, BASED ON BLOCKCHAIN**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DE FALSIFICATION/ALTERATION POUR CERTIFICATS D'ETABLISSEMENT FINANCIER BASES SUR UNE CHAINE DE BLOCS**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-07-26
[86] 2016-10-10 (PCT/KR2016/011288)
[87] (WO2017/146333)
[30] KR (10-2016-0020437) 2016-02-22

---

[21] **3,012,824**
[13] A1
[51] **Int.Cl. B07C 5/342 (2006.01) B07C 1/02 (2006.01) B07C 5/02 (2006.01) G01B 11/04 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **CONVEYOR BELT ASSEMBLY INCLUDING AN IMAGING SYSTEM, AND METHODS OF USING THE SAME**
[54] **ENSEMBLE BANDE TRANSPORTEUSE COMPRENANT UN SYSTEME D'IMAGERIE, ET SES PROCEDES D'UTILISATION**
[72] JANICKI, PIOTR, BE
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2018-07-26
[86] 2016-09-14 (PCT/US2016/051617)
[87] (WO2017/146774)
[30] US (15/052,319) 2016-02-24

[21] **3,012,825**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) C12Q 1/68 (2018.01) G02B 21/06 (2006.01) G02B 21/16 (2006.01)**
[25] EN
[54] **EXTREME ULTRAVIOLET RADIATION IN GENOMIC SEQUENCING AND OTHER APPLICATIONS**
[54] **RAYONNEMENT ULTRAVIOLET EXTREME DANS LE SEQUENCAGE GENOMIQUE ET D'AUTRES APPLICATIONS**
[72] JAISWAL, SUPRIYA, US
[71] JAISWAL, SUPRIYA, US
[85] 2018-07-26
[86] 2017-02-01 (PCT/US2017/016095)
[87] (WO2017/136476)
[30] US (62/289,897) 2016-02-01

[21] **3,012,826**
[13] A1
[51] **Int.Cl. G06F 12/14 (2006.01) G06F 9/44 (2018.01) G06F 12/02 (2006.01) G06F 12/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MIXED CONSISTENCY IN COMPUTING SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE COHERENCE MIXTE DANS DES SYSTEMES INFORMATIQUES**
[72] STURM, ROBERT, US
[72] SCHUWEILER, BRIAN, US
[72] LANGE, MARCUS, US
[72] VIBBERT, DAVID, US
[72] UNNIRKRISHNAN, KUMAR, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-07-26
[86] 2017-02-02 (PCT/US2017/016247)
[87] (WO2017/136572)
[30] US (15/014,384) 2016-02-03

[21] **3,012,827**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-ROR1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-ROR1 ET UTILISATIONS ASSOCIEES**
[72] BALAKRISHNAN, ASHWINI, US
[72] HOFFSTROM, BENJAMIN G., US
[72] RANDOLPH-HABECKER, JULIE, US
[72] RIDDELL, STANLEY R., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2018-07-26
[86] 2017-02-02 (PCT/US2017/016300)
[87] (WO2017/136607)
[30] US (62/290,337) 2016-02-02
[30] US (62/324,876) 2016-04-19

[21] **3,012,828**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/37 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FREQUENCY ADJUSTMENT TO OPTIMIZE CHARGING OF IMPLANTABLE NEUROSTIMULATOR**
[54] **PROCEDES ET SYSTEMES POUR AJUSTEMENT DE FREQUENCE POUR OPTIMISER LA CHARGE D'UN NEUROSTIMULATEUR IMPLANTABLE**
[72] NASSIF, RABIH, US
[72] HANKINS, STEVE, US
[72] BOWES, CHRISTOPHER J., US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015124)
[87] (WO2017/132374)
[30] US (62/289,073) 2016-01-29

[21] **3,012,829**
[13] A1
[51] **Int.Cl. C12N 15/74 (2006.01) A61K 35/74 (2015.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) C07K 5/10 (2006.01) C07K 14/705 (2006.01) C12N 15/66 (2006.01)**
[25] EN
[54] **PERSONALIZED DELIVERY VECTOR-BASED IMMUNOTHERAPY AND USES THEREOF**
[54] **IMMUNOTHERAPIE A BASE DE VECTEURS D'ADMINISTRATION PERSONNALISES ET UTILISATIONS ASSOCIEES**
[72] PETIT, ROBERT, US
[72] PERRY, KYLE, US
[72] PRINCIOTTA, MICHAEL F., US
[71] ADVAXIS, INC., US
[85] 2018-07-26
[86] 2017-01-27 (PCT/US2017/015403)
[87] (WO2017/132547)
[30] US (62/287,871) 2016-01-27

[21] **3,012,830**
[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **GAS LIQUEFACTION SYSTEMS AND METHODS**
[54] **SYSTEME ET PROCEDES DE LIQUEFACTION DE GAZ**
[72] KENNEDY, DAVID ALLEN, US
[72] ZIGTEMA, JOHN RAYMOND, US
[72] HAMM, DEANNA KOREEN, US
[71] GE OIL & GAS, INC., US
[85] 2018-07-26
[86] 2017-02-03 (PCT/US2017/016476)
[87] (WO2017/136703)
[30] US (62/291,868) 2016-02-05
[30] US (15/356,591) 2016-11-20

[21] **3,012,831**
[13] A1
[51] **Int.Cl. E21C 27/24 (2006.01) E21C 25/08 (2006.01) E21C 27/00 (2006.01) E21C 27/12 (2006.01) E21C 27/20 (2006.01) E21C 27/22 (2006.01)**
[25] EN
[54] **MINING MACHINE WITH MULTIPLE CUTTER HEADS**
[54] **MACHINE D'EXTRACTION AYANT DE MULTIPLES TETES DE COUPE**
[72] LUGG, PETER A., AU
[72] KEECH, GEOFFREY W., AU
[72] NEILSON, BRADLEY M., AU
[72] DAHER, NAGY, AU
[72] BOYD, RIC, AU
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
[85] 2018-07-26
[86] 2017-01-27 (PCT/US2017/015487)
[87] (WO2017/132602)
[30] US (62/287,682) 2016-01-27
[30] US (62/377,150) 2016-08-19
[30] US (62/398,834) 2016-09-23
[30] US (62/398,744) 2016-09-23
[30] US (62/398,717) 2016-09-23

[21] **3,012,832**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) C07D 261/18 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS AND METHODS**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES**
[72] ESTRADA, ANTHONY A., US
[72] FENG, JIANWEN A., US
[72] FOX, BRIAN, US
[72] LESLIE, COLIN PHILIP, US
[72] LYSSIKATOS, JOSEPH P., US
[72] POZZAN, ALFONSO, US
[72] SWEENEY, ZACHARY K., US
[72] DE VICENTE FIDALGO, JAVIER, US
[71] DENALI THERAPEUTICS INC., US
[85] 2018-07-26
[86] 2017-02-03 (PCT/US2017/016509)
[87] (WO2017/136727)
[30] US (62/292,202) 2016-02-05
[30] US (62/341,019) 2016-05-24
[30] US (62/363,775) 2016-07-18
[30] US (62/385,217) 2016-09-08
[30] US (62/417,219) 2016-11-03

[21] **3,012,833**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A61K 35/17 (2015.01) A61K 47/62 (2017.01) A61K 47/65 (2017.01) A61K 39/395 (2006.01) C12Q 1/68 (2018.01) C40B 40/06 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **ENHANCED PRODUCTION OF IMMUNOGLOBULINS**
[54] **PRODUCTION AMELIOREE D'IMMUNOGLOBULINES**
[72] KILLEEN, NIGEL, US
[72] HASENHINDL, CHRISTOPH, US
[72] DUONG, BAO, US
[71] TRIANNI, INC., US
[85] 2018-07-26
[86] 2017-02-03 (PCT/US2017/016521)
[87] (WO2017/136734)
[30] US (62/291,217) 2016-02-04

[21] **3,012,834**
[13] A1
[51] **Int.Cl. G01R 31/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A FAULT LOCATION IN A THREE-PHASE SERIES-COMPENSATED POWER TRANSMISSION LINE**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER UN EMPLACEMENT DE DEFAUT DANS UNE LIGNE DE TRANSMISSION ELECTRIQUE TRIPHASEE COMPENSEE EN SERIE**
[72] XU, ZHIHAN, CA
[72] BAINS, TIRATH, CA
[72] SIDHU, TARLOCHAN, CA
[72] ZADEH, MOHAMMAD, CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-07-26
[86] 2017-02-08 (PCT/US2017/016915)
[87] (WO2017/139316)
[30] US (15/018,470) 2016-02-08
[30] US (15/083,818) 2016-03-29

[21] **3,012,835**
[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING TURN-TO-TURN FAULTS IN TRANSFORMER WINDINGS**
[54] **SYSTEMES ET PROCEDES POUR DETECTER DES DEFAUTS ENTRE SPIRES DANS DES ENROULEMENTS DE TRANSFORMATEUR**
[72] ZHANG, ZHIYING, CA
[72] DAS, SARASIJ, IN
[72] SIDHU, TARLOCHAN, CA
[72] DADASH ZADEH, MOHAMMAD REZA, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-07-26
[86] 2017-02-09 (PCT/US2017/017140)
[87] (WO2017/139445)
[30] US (15/040,549) 2016-02-10

[21] **3,012,836**
[13] A1
[51] **Int.Cl. G01C 21/14 (2006.01) G06Q 50/30 (2012.01) G07C 5/02 (2006.01)**
[25] EN
[54] **VEHICLE DRIVER ACTIVITY LEVEL DETERMINATIONS AND ANALYSIS IN A FLEET MANAGEMENT SYSTEM**
[54] **DETERMINATIONS ET ANALYSE DE NIVEAU D'ACTIVITE DE CONDUCTEUR DE VEHICULE DANS UN SYSTEME DE GESTION DE FLOTTE**
[72] CHAMPA, JEFFREY A., US
[72] HAUGH, KEVIN, US
[71] OMNITRACS, LLC, US
[85] 2018-07-26
[86] 2017-01-27 (PCT/US2017/015497)
[87] (WO2017/132612)
[30] US (62/289,077) 2016-01-29
[30] US (15/416,930) 2017-01-26

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[21] **3,012,837**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) A01N 25/10 (2006.01) A01N 25/22 (2006.01) A61K 8/73 (2006.01) A61K 9/00 (2006.01) A61K 47/40 (2006.01) C12N 9/26 (2006.01)**
[25] EN
[54] **CONTROLLED-RELEASE AND STRATIFIED CYCLODEXTRIN INCLUSION COMPLEX VEHICLES**
[54] **EXCIPIENTS DE COMPLEXES D'INCLUSION DE CYCLODEXTRINE STRATIFIEE ET A LIBERATION CONTROLEE**
[72] CZAP, AL, US
[71] CZAP RESEARCH AND DEVELOPMENT, LLC, US
[85] 2018-07-26
[86] 2017-02-03 (PCT/US2017/016583)
[87] (WO2017/136775)
[30] US (62/291,202) 2016-02-04
[30] US (15/232,647) 2016-08-09
[30] US (15/285,264) 2016-10-04
[30] US (62/444,036) 2017-01-09

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[21] **3,012,838**
[13] A1
[51] **Int.Cl. G01R 31/06 (2006.01) G01R 31/02 (2006.01) H02H 3/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING TURN-TO-TURN FAULTS IN WINDINGS**
[54] **SYSTEMES ET PROCEDES POUR DETECTER DES DEFAUTS ENTRE SPIRES DANS DES ENROULEMENTS**
[72] ZHANG, ZHIYING, CA
[72] DAS, SARASIJ, CA
[72] SIDHU, TARLOCHAN, CA
[72] DADASH ZADEH, MOHAMMAD REZA, CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-07-26
[86] 2017-02-10 (PCT/US2017/017282)
[87] (WO2017/139518)
[30] US (15/040,536) 2016-02-10

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[21] **3,012,839**
[13] A1
[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/4747 (2006.01)**
[25] EN
[54] **TETRAHYDROISOQUINOLINE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROISOQUINOLINE**
[72] SATO, IPPEI, JP
[72] KAMIKUBO, TAKASHI, JP
[72] MIURA, MASANORI, JP
[72] MATSUSHIMA, YUJI, JP
[72] TANAKA, HIROAKI, JP
[72] SHIINA, YASUHIRO, JP
[72] YAMAKI, SUSUMU, JP
[72] SAITO, TOMOYUKI, JP
[72] KIYOHARA, HIROSHI, JP
[72] OHE, MUNEMICHI, JP
[72] MIHARA, KAYOKO, JP
[72] MORGAN, BRADLEY PAUL, US
[72] MALIK, FADY, US
[72] COLLIBEE, SCOTT EMILE, US
[72] ASHCRAFT, LUKE, US
[72] LU, PU-PING, US
[72] WARRINGTON, JEFFREY MICHAEL, US
[72] GARARD, MARC, US
[71] ASTELLAS PHARMA INC., JP
[71] CYTOKINETICS, INCORPORATED, US
[85] 2018-07-26
[86] 2017-02-10 (PCT/US2017/017295)
[87] (WO2017/139526)
[30] US (62/285,039) 2016-02-12

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[21] **3,012,840**
[13] A1
[51] **Int.Cl. D21F 11/00 (2006.01) D21F 3/02 (2006.01)**
[25] EN
[54] **METHODS OF MAKING PAPER PRODUCTS USING A MOLDING ROLL**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE PAPIER UTILISANT UN CYLINDRE DE MOULAGE**
[72] BECK, DAVID A., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-07-26
[86] 2017-01-31 (PCT/US2017/015713)
[87] (WO2017/139124)
[30] US (62/292,381) 2016-02-08

---

[21] **3,012,841**
[13] A1
[51] **Int.Cl. A63B 69/34 (2006.01) A63B 21/00 (2006.01) A63B 21/22 (2006.01) A63B 69/00 (2006.01) A63B 71/02 (2006.01)**
[25] EN
[54] **WEIGHT TRAINING SLED**
[54] **TRAINEAU D'ENTRAINEMENT A POIDS**
[72] BAUMLER, THOMAS K., US
[72] NOVAK, MICHAEL G., US
[72] ROSENOW, CHARLES J., US
[71] TORQUE FITNESS, LLC, US
[85] 2018-07-26
[86] 2017-02-02 (PCT/US2017/016228)
[87] (WO2017/136560)
[30] US (62/291,558) 2016-02-05
[30] US (62/310,175) 2016-03-18

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[21] **3,012,842**
[13] A1
[51] **Int.Cl. C08L 23/22 (2006.01) C08J 5/00 (2006.01) C08K 3/36 (2006.01) C08K 5/101 (2006.01) C08K 5/14 (2006.01)**
[25] EN
[54] **HEAT CURABLE SEALANT FOR FUEL CELLS**
[54] **MATERIAU D'ETANCHEITE THERMODURCISSABLE POUR PILES A COMBUSTIBLE**
[72] JIN, SHUHUA, US
[72] DECATO, ALFRED A., US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2018-07-26
[86] 2017-02-10 (PCT/US2017/017311)
[87] (WO2017/139535)
[30] US (62/293,892) 2016-02-11

[21] **3,012,843**
[13] A1
[51] **Int.Cl. C08F 210/00 (2006.01) B32B 7/12 (2006.01) C08F 4/06 (2006.01) C08F 220/00 (2006.01) C08F 220/18 (2006.01) C08L 23/08 (2006.01) C09J 133/08 (2006.01) C09J 133/10 (2006.01)**
[25] EN
[54] **OLEFIN-ACRYLATE COPOLYMERS WITH PENDANT HYDROXYL FUNCTIONALITY AND USE THEREOF**
[54] **COPOLYMERES OLEFINE-ACRYLATE A FONCTIONNALITE HYDROXYLE LATERALE ET SON UTILISATION**
[72] SRIDHAR, LAXMISHA, US
[72] SHAH, SMITA, US
[72] WOODS, JOHN G., US
[72] JACOBINE, ANTHONY F., US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2018-07-26
[86] 2017-02-10 (PCT/US2017/017368)
[87] (WO2017/139572)
[30] RU (62/294,031) 2016-02-11

---

[21] **3,012,844**
[13] A1
[51] **Int.Cl. B08B 15/00 (2006.01)**
[25] EN
[54] **NOVEL ASPHALT-BASED DUST CONTROL FORMULATIONS**
[54] **NOUVELLES FORMULATIONS DE CONTROLE DES POUSSIERES A BASE D'ASPHALTE**
[72] AYAMBEM, AMBA, US
[72] KENT, DANIEL B., US
[72] DOBSON, JOHN C., US
[71] HENRY COMPANY, LLC, US
[85] 2018-07-26
[86] 2017-02-01 (PCT/US2017/015946)
[87] (WO2017/136389)
[30] US (62/289,732) 2016-02-01

---

[21] **3,012,845**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) C08K 9/10 (2006.01) C09D 5/34 (2006.01) C09J 191/06 (2006.01)**
[25] EN
[54] **LOW DUST ADDITIVES FOR JOINT COMPOUNDS AND JOINT COMPOUNDS THEREOF**
[54] **ADDITIFS FAIBLEMENT POUSSIEREUX POUR COMPOSES POUR JOINTS ET COMPOSES POUR JOINTS AINSI OBTENUS**
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[85] 2018-07-26
[86] 2017-02-15 (PCT/US2017/017938)
[87] (WO2017/142927)
[30] US (62/295,249) 2016-02-15
[30] US (62/295,853) 2016-02-16

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[21] **3,012,847**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **BONE GRAFT CAGE**
[54] **CAGE POUR GREFFE OSSEUSE**
[72] LARSEN, SCOTT, US
[72] HAMEL, ROSS, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-07-26
[86] 2017-01-20 (PCT/US2017/014208)
[87] (WO2017/142671)
[30] US (15/044,909) 2016-02-16

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[21] **3,012,848**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 9/44 (2018.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED METHODS AND SYSTEMS FOR MEASURING, ESTIMATING, AND MANAGING ECONOMIC OUTCOMES AND TECHNICAL DEBT IN SOFTWARE SYSTEMS AND PROJECTS**
[54] **PROCEDES ET SYSTEMES INFORMATIQUES POUR MESURER, EVALUER ET GERER DES RESULTATS ECONOMIQUES ET UNE DETTE TECHNIQUE DANS DES SYSTEMES ET PROJETS LOGICIELS**
[72] STURTEVANT, DANIEL J., US
[72] BALDWIN, CARLISS, US
[72] MACCORMACK, ALAN, US
[72] AHN, SUNNY, US
[72] GILLILAND, SEAN, US
[71] SILVERTHREAD, INC., US
[85] 2018-07-26
[86] 2017-02-17 (PCT/US2017/018477)
[87] (WO2017/143263)
[30] US (62/296,376) 2016-02-17

---

[21] **3,012,849**
[13] A1
[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **BIOLOGIC BREAST IMPLANT**
[54] **IMPLANT MAMMAIRE BIOLOGIQUE**
[72] SHAH, MRINAL, US
[72] CHEN, YI, US
[72] PARK, SANGWOOK, US
[72] JESSOP, ISRAEL, US
[71] LIFECELL CORPORATION, US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015011)
[87] (WO2017/139100)
[30] US (62/292,515) 2016-02-08

[21] **3,012,850**
[13] A1
[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A SPRAYER ADAPTER**
[54] **SYSTEMES ET PROCEDES POUR ADAPTATEUR DE PULVERISATEUR**
[72] BIERIE, WILLIAM K., US
[72] BURNS, MARVIN D., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-07-26
[86] 2017-02-22 (PCT/US2017/018952)
[87] (WO2017/147189)
[30] US (62/299,540) 2016-02-24
[30] US (15/438,491) 2017-02-21

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[21] **3,012,851**
[13] A1
[51] **Int.Cl. F16B 21/07 (2006.01) A45C 13/10 (2006.01) F16B 21/16 (2006.01)**
[25] EN
[54] **STRAP ATTACHMENT**
[54] **FIXATION DE SANGLE**
[72] WU, PETER C., US
[72] SCICLUNA, PAUL V., US
[72] GREISSER, MICHAEL, US
[71] TUMI, INC., US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015042)
[87] (WO2017/132317)
[30] US (62/287,296) 2016-01-26

---

[21] **3,012,852**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 23/00 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **SLIPS FOR DOWNHOLE SEALING DEVICE AND METHODS OF MAKING THE SAME**
[54] **COINS POUR DISPOSITIF D'ETANCHEITE DE FOND DE TROU ET LEURS PROCEDES DE FABRICATION**
[72] KASH, EDWARD CANNOY, US
[71] G&H DIVERSIFIED MANUFACTURING LP, US
[85] 2018-07-26
[86] 2017-02-01 (PCT/US2017/016086)
[87] (WO2017/136469)
[30] US (62/289,489) 2016-02-01

---

[21] **3,012,853**
[13] A1
[51] **Int.Cl. G01R 33/032 (2006.01) G01N 21/31 (2006.01) G01R 23/16 (2006.01) G01R 33/038 (2006.01) H01P 7/08 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR CONTROL OF QUANTUM SYSTEMS AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE COMMANDE DE SYSTEMES QUANTIQUES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] OFEK, NISSIM, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPF, ROBERT J., III, US
[71] YALE UNIVERSITY, US
[85] 2018-07-26
[86] 2017-02-10 (PCT/US2017/017534)
[87] (WO2017/139683)
[30] US (62/294,966) 2016-02-12

---

[21] **3,012,854**
[13] A1
[51] **Int.Cl. F16B 13/04 (2006.01)**
[25] EN
[54] **EXPANDABLE COLLET BODIES WITH SECTIONAL FINGER-BASED ANTI-ROTATION FEATURE, CLIPS, INSERTS AND SYSTEMS THEREOF**
[54] **CORPS DE PINCE DE SERRAGE EXPANSIBLES A ELEMENTS ANTI-ROTATION A BASE DE DOIGTS SECTIONNELS, ORGANES DE FIXATION, INSERTS ET SYSTEMES ASSOCIES**
[72] MCCLURE, TRAVIS, US
[71] CENTRIX INC., US
[85] 2018-07-26
[86] 2017-02-24 (PCT/US2017/019538)
[87] (WO2017/147543)
[30] US (62/300,491) 2016-02-26

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[21] **3,012,855**
[13] A1
[51] **Int.Cl. A47G 19/30 (2006.01) A47G 19/22 (2006.01) A47J 47/02 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **SPILL PROOF CONTAINER**
[54] **CONTENANT ANTI-DEVERSEMENT**
[72] TEBBE, MARK GERARD, US
[72] LEE, AGNES YENA, US
[72] CHAN, SUNG YUN, US
[71] MUNCHKIN, INC., US
[85] 2018-07-26
[86] 2017-01-26 (PCT/US2017/015074)
[87] (WO2017/132337)
[30] US (62/287,117) 2016-01-26
[30] US (62/287,368) 2016-01-26
[30] US (62/402,888) 2016-09-30
[30] US (15/415,826) 2017-01-25

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[21] **3,012,856**
[13] A1
[51] **Int.Cl. G01H 9/00 (2006.01) E21B 47/0228 (2012.01) E21B 43/01 (2006.01)**
[25] EN
[54] **PRODUCTION LOGS FROM DISTRIBUTED ACOUSTIC SENSORS**
[54] **JOURNAUX DE PRODUCTION PROVENANT DE CAPTEURS ACOUSTIQUES DISTRIBUES**
[72] SWAN, HERBERT W., US
[72] JIN, GE, US
[72] KRUEGER, KYLE R., US
[72] ROY, BAISHALI, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-07-26
[86] 2017-03-09 (PCT/US2017/021670)
[87] (WO2017/156331)
[30] US (62/305,758) 2016-03-09
[30] US (62/305,777) 2016-03-09
[30] US (15/453,730) 2017-03-08

[21] **3,012,857**
[13] A1
[51] **Int.Cl. H04B 1/7143 (2011.01)**
[25] EN
[54] **FREQUENCY HOPPING FOR RANDOM ACCESS**
[54] **SAUT DE FREQUENCE POUR UN ACCES ALEATOIRE**
[72] LIN, XINGQIN, US
[72] SHOKRI RAZAGHI, HAZHIR, SE
[72] BERGMAN, JOHAN, SE
[72] SUI, YUTAO, SE
[72] GROVLEN, ASBJORN, SE
[72] BLANKENSHIP, YUFEI, US
[72] ADHIKARY, ANSUMAN, IN
[72] WANG, YI-PIN ERIC, US
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-07-26
[86] 2017-01-27 (PCT/SE2017/050072)
[87] (WO2017/131577)
[30] US (62/288,436) 2016-01-29
[30] US (62/288,633) 2016-01-29

---

[21] **3,012,858**
[13] A1
[51] **Int.Cl. C22B 60/02 (2006.01) B04C 3/00 (2006.01)**
[25] EN
[54] **IMPROVED URANIUM ORE PROCESSING USING HYDROCYCLONE BENEFICIATION**
[54] **TRAITEMENT DE MINERAI D'URANIUM AMELIORE FAISANT INTERVENIR UN HYDROCYCLONE POUR L'ENRICHISSEMENT DU MINERAI**
[72] HILL, MURRAY PHILIP, AU
[71] URANIUM BENEFICIATION PTY LTD, AU
[85] 2018-07-27
[86] 2016-02-15 (PCT/AU2016/000040)
[87] (WO2017/139827)

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[21] **3,012,859**
[13] A1
[51] **Int.Cl. C04B 24/12 (2006.01) C11D 1/04 (2006.01) C11D 1/08 (2006.01) C11D 1/40 (2006.01)**
[25] EN
[54] **HALOGEN-FREE QUATERNARY AMINES AND USES THEREOF**
[54] **AMINES QUATERNAIRES SANS HALOGENE ET LEURS UTILISATIONS**
[72] ZHAO, HAIBO, US
[72] FANG, XIAOHUA, US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2018-07-26
[86] 2017-06-28 (PCT/US2017/039678)
[87] (WO2018/009386)
[30] US (62/358,720) 2016-07-06

---

[21] **3,012,860**
[13] A1
[51] **Int.Cl. B65D 19/18 (2006.01)**
[25] FR
[54] **CONTAINER**
[54] **CONTAINER**
[72] VANDECASTEELE, BENJAMIN, FR
[71] DS SMITH DUCAPLAST, FR
[85] 2018-07-10
[86] 2017-01-13 (PCT/EP2017/050672)
[87] (WO2017/121853)
[30] FR (1650250) 2016-01-13

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[21] **3,012,861**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) C12N 15/00 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **53BP1 INHIBITORS**
[54] **INHIBITEURS 53BP1**
[72] DUROCHER, DANIEL, CA
[72] SIDHU, SACHDEV, CA
[72] ZHANG, WEI, CA
[72] SICHERI, FRANK, CA
[72] CANNY, MARELLA, US
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] SINAI HEALTH SYSTEM, CA
[85] 2018-07-27
[86] 2017-01-31 (PCT/CA2017/000020)
[87] (WO2017/132746)
[30] US (62/289,627) 2016-02-01

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[21] **3,012,862**
[13] A1
[51] **Int.Cl. C22B 60/02 (2006.01)**
[25] EN
[54] **BENEFICIATION PROCESS FOR ENHANCING URANIUM MINERAL PROCESSING**
[54] **PROCEDE D'ENRICHISSEMENT POUR AMELIORER LE TRAITEMENT DU MINERAI D'URANIUM**
[72] HILL, MURRAY PHILIP, AU
[71] URANIUM BENEFICIATION PTY LTD, AU
[85] 2018-07-27
[86] 2017-02-15 (PCT/AU2017/000043)
[87] (WO2017/139829)
[30] AU (PCT/AU2016/000040) 2016-02-15

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[21] **3,012,863**
[13] A1
[51] **Int.Cl. H01M 4/36 (2006.01) H01M 4/134 (2010.01) H01M 10/052 (2010.01) H01M 10/058 (2010.01) C01B 32/10 (2017.01) H01M 2/14 (2006.01) H01M 4/38 (2006.01)**
[25] EN
[54] **IMMOBILIZED SELENIUM, A METHOD OF MAKING, AND USES OF IMMOBILIZED SELENIUM IN A RECHARGEABLE BATTERY**
[54] **SELENIUM IMMOBILISE, PROCEDE DE FABRICATION ET UTILISATIONS DE SELENIUM IMMOBILISE DANS UNE BATTERIE RECHARGEABLE**
[72] EISSLER, ELGIN E., US
[72] XU, WEN-QING, US
[72] LI, XIAOMING, US
[72] ZHANG, YANCHENG, US
[72] PATKAR, SHAILESH, US
[72] BARBAROSSA, GIOVANNI, US
[72] GUO, YUGUO, CN
[72] ZHANG, SHUAIFENG, CN
[72] YIN, YAXIA, CN
[71] II-VI INCORPORATED, US
[71] INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[85] 2018-07-26
[86] 2017-02-16 (PCT/US2017/018110)
[87] (WO2017/143021)
[30] US (62/296,286) 2016-02-17
[30] US (62/364,113) 2016-07-19
[30] US (62/367,314) 2016-07-27

[21] **3,012,864**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 17/00 (2006.01) F16B 1/00 (2006.01) F16B 11/00 (2006.01) F16D 1/06 (2006.01)**
[25] EN
[54] **SECURING MEANS FOR IN-TUBING PROBE RETAINER**
[54] **MOYEN DE FIXATION POUR DISPOSITIF DE RETENUE DE SONDE DANS UN TUBE DE PRODUCTION**
[72] STACK, LUKE ANTHONY, CA
[72] LOGAN, AARON WILLIAM, CA
[72] LOGAN, JUSTIN CHRISTOPHER, CA
[72] DERKACZ, PATRICK ROBERT, CA
[72] WEST, KURTIS KENNETH LEE, CA
[72] HARRIS, ROBERT ANDREW, CA
[71] EVOLUTION ENGINEERING INC., CA
[85] 2018-07-27
[86] 2017-01-26 (PCT/CA2017/050080)
[87] (WO2017/132754)
[30] US (62/288,129) 2016-01-28

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[21] **3,012,865**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING SINGLE CHANNEL, BONDED CHANNEL, AND MIMO OFDM FRAMES WITH FIELDS TO FACILITATE AGC, TIMING, AND CHANNEL ESTIMATION**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION DE TRAMES, POURVUES DE CHAMPS, DE CANAL UNIQUE, DE CANAL LIE ET DE CANAL MIMO OFDM DE FACON A FACILITER UNE AGC, UNE SYNCHRONISATION ET UNE ESTIMATION DE CANAL**
[72] EITAN, ALECSANDER, US
[72] SANDEROVICH, AMICHAI, US
[72] BASSON, GAL, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-26
[86] 2017-02-23 (PCT/US2017/019187)
[87] (WO2017/151393)
[30] US (62/302,754) 2016-03-02
[30] US (15/439,048) 2017-02-22

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[21] **3,012,866**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHT SOURCE DRIVING DEVICE**
[54] **APPAREIL D'EXCITATION DE SOURCES LUMINEUSES**
[72] HU, JUN, CN
[72] DENG, YONGMING, CN
[72] LIU, PING, CN
[71] GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD., CN
[85] 2018-07-27
[86] 2015-03-29 (PCT/CN2015/075342)
[87] (WO2016/119295)
[30] CN (201510045358.0) 2015-01-28

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[21] **3,012,867**
[13] A1
[51] **Int.Cl. A61C 17/00 (2006.01) A46B 5/00 (2006.01) A46B 7/08 (2006.01) A46B 13/08 (2006.01)**
[25] EN
[54] **CLEANING DEVICE FOR REMOVABLE DENTAL APPLIANCES**
[54] **DISPOSITIF DE NETTOYAGE POUR APPAREILS DENTAIRES AMOVIBLES**
[72] WOTHERSPOON, MARK, AU
[72] PLAKOTARIS, STEPHEN, AU
[71] DR MARK'S HYGENIE PTY LTD, AU
[85] 2018-07-27
[86] 2017-01-23 (PCT/AU2017/050052)
[87] (WO2017/173479)
[30] AU (2016901263) 2016-04-05

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[21] **3,012,869**
[13] A1
[51] **Int.Cl. H04N 19/91 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR VECTOR-BASED ENTROPY CODING FOR DISPLAY STREAM COMPRESSION**
[54] **APPAREIL ET PROCEDE DE CODAGE ENTROPIQUE EN FONCTION D'UN VECTEUR POUR UNE COMPRESSION DE FLUX D'AFFICHAGE**
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JACOBSON, NATAN HAIM, US
[72] JOSHI, RAJAN LAXMAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-26
[86] 2017-03-06 (PCT/US2017/020897)
[87] (WO2017/155864)
[30] US (62/305,380) 2016-03-08
[30] US (62/415,999) 2016-11-01
[30] US (15/449,755) 2017-03-03

---

[21] **3,012,870**
[13] A1
[51] **Int.Cl. H04L 9/28 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DOCUMENT INFORMATION AUTHENTICITY VERIFICATION**
[54] **SYSTEME ET PROCEDE DE VERIFICATION D'AUTHENTICITE D'INFORMATIONS DE DOCUMENT**
[72] MOLONEY, LINDSAY, AU
[72] SCOTT, GUY, AU
[71] MOLONEY, LINDSAY, AU
[71] SCOTT, GUY, AU
[85] 2018-07-27
[86] 2017-02-07 (PCT/AU2017/050096)
[87] (WO2017/136879)
[30] AU (2016900405) 2016-02-08

[21] **3,012,871**
[13] A1
[51] **Int.Cl. F24F 11/00 (2018.01)**
[25] EN
[54] **AIR CONDITIONER DRIVING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT DE CONDITIONNEUR D'AIR**
[72] HU, JUN, CN
[72] DENG, YONGMING, CN
[72] LIU, PING, CN
[71] GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD., CN
[85] 2018-07-27
[86] 2015-03-29 (PCT/CN2015/075344)
[87] (WO2016/119296)
[30] CN (201510045356.1) 2015-01-28

---

[21] **3,012,872**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G06T 17/05 (2011.01) G01V 1/30 (2006.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **LOW-FREQUENCY DAS SNR IMPROVEMENT**
[54] **AMELIORATION DU RSB D'UNE DETECTION ACOUSTIQUE REPARTIE A BASSE FREQUENCE**
[72] KRUEGER, KYLE R., US
[72] JIN, GE, US
[72] MOSHER, CHARLES C., US
[72] SWAN, HERBERT W., US
[72] ROY, BAISHALI, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-07-26
[86] 2017-03-09 (PCT/US2017/021681)
[87] (WO2017/156339)
[30] US (62/305,758) 2016-03-09
[30] US (62/305,777) 2016-03-09
[30] US (15/453,584) 2017-03-08

---

[21] **3,012,873**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **ANTIBODIES AND ELISAS FOR ALPHA KLOTHO**
[54] **ANTICORPS ET KITS ELISA POUR LE DOSAGE DE LA PROTEINE ALPHA KLOTHO**
[72] SIDHU, SACHDEV S., CA
[72] BARKER, SARAH L., CA
[72] MOE, ORSON W., US
[72] KURO-O, MAKOTO, JP
[72] PASTOR, JOHANNE, US
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-07-27
[86] 2017-02-03 (PCT/CA2017/050127)
[87] (WO2017/132772)
[30] US (62/290,776) 2016-02-03

---

[21] **3,012,874**
[13] A1
[51] **Int.Cl. G06F 19/24 (2011.01)**
[25] FR
[54] **METHOD OF CLASSIFYING A BIOLOGICAL SAMPLE**
[54] **PROCEDE DE CLASSIFICATION D'UN ECHANTILLON BIOLOGIQUE**
[72] AVARRE, JEAN-CHRISTOPHE, FR
[72] REYNES, CHRISTELLE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] INSTITUT RECHERCHE POUR LE DEVELOPPEMENT, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2018-07-18
[86] 2017-01-23 (PCT/EP2017/051327)
[87] (WO2017/125606)
[30] FR (1650527) 2016-01-22

---

[21] **3,012,875**
[13] A1
[51] **Int.Cl. H04W 28/16 (2009.01)**
[25] EN
[54] **REFERENCE SIGNAL TRANSMISSION METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION POUR UN SIGNAL DE REFERENCE**
[72] LI, CHAOJUN, CN
[72] ZHANG, JIAN, CN
[72] MA, SHA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-07-27
[86] 2016-01-29 (PCT/CN2016/072798)
[87] (WO2017/128296)

---

[21] **3,012,876**
[13] A1
[51] **Int.Cl. A61B 10/00 (2006.01)**
[25] EN
[54] **BIOLOGICAL SAMPLE COLLECTING DEVICE**
[54] **DISPOSITIF DE COLLECTE D'ECHANTILLONS BIOLOGIQUES**
[72] HAKANSSON, KARE, DK
[72] JENSEN, PER ROSENBERG, DK
[72] ANDERSEN, BJARNE, DK
[72] VIDEBAK, KARSTEN, DK
[71] RIGSHOSPITALET, DK
[71] SCANDINAVIAN PLASTIC TECHOLOGY APS, DK
[85] 2018-07-27
[86] 2017-01-27 (PCT/DK2017/050019)
[87] (WO2017/129197)
[30] DK (PA 2016 70043) 2016-01-28

---

[21] **3,012,877**
[13] A1
[51] **Int.Cl. F04D 27/00 (2006.01)**
[25] EN
[54] **FAN DRIVING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT DE SOUFFLANTE**
[72] HU, JUN, CN
[72] DENG, YONGMING, CN
[72] LIU, PING, CN
[71] GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD., CN
[85] 2018-07-27
[86] 2015-03-29 (PCT/CN2015/075341)
[87] (WO2016/119294)
[30] CN (201510045359.5) 2015-01-28

[21] **3,012,879**
[13] A1
[51] **Int.Cl. B23B 31/165 (2006.01) B23B 31/12 (2006.01) B23B 31/28 (2006.01)**
[25] EN
[54] **CHUCK**
[54] **MANDRIN A PINCE**
[72] XIE, MINGJIAN, CN
[72] WANG, FEI, CN
[72] RUN, SHANGLIANG, CN
[71] POSITEC POWER TOOLS (SUZHOU) CO., LTD., CN
[85] 2018-07-27
[86] 2016-11-11 (PCT/CN2016/105478)
[87] (WO2017/128813)
[30] CN (201610066336.7) 2016-01-29

---

[21] **3,012,881**
[13] A1
[51] **Int.Cl. F16K 31/04 (2006.01) H02M 1/10 (2006.01) H02M 5/458 (2006.01) F23K 5/00 (2006.01)**
[25] EN
[54] **VALVE ACTUATOR**
[54] **COMMANDE DE SOUPAPE**
[72] OBERMOLLER, NILS, DE
[71] KARL DUNGS GMBH & CO. KG, DE
[85] 2018-07-27
[86] 2016-03-11 (PCT/EP2016/055365)
[87] (WO2017/153002)

---

[21] **3,012,882**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **FUSED PYRAZOLE DERIVATIVES, PREPARATION METHOD THEREOF, AND USE THEREOF IN TREATMENT OF CANCERS, INFLAMMATION AND IMMUNE DISEASES**
[54] **DERIVES DE CYCLES CONDENSES DE PARAZOLE ET PROCEDE DE PREPARATION DE CES DERNIERS, ET APPLICATION DE CES DERNIERS DANS LE TRAITEMENT DE CANCERS, D'INFLAMMATION ET DE MALADIES IMMUNITAIRES**
[72] CHEN, XIANGYANG, CN
[72] PANG, YUCHENG, CN
[71] BEIJING INNOCARE PHARMA TECH CO., LTD., CN
[85] 2018-07-27
[86] 2016-12-28 (PCT/CN2016/112625)
[87] (WO2017/128917)
[30] CN (201610066886.9) 2016-01-29

---

[21] **3,012,884**
[13] A1
[51] **Int.Cl. H04B 7/04 (2017.01) H04B 7/00 (2006.01) H04B 7/10 (2017.01)**
[25] FR
[54] **RADIO COMMUNICATION RECEIVER CANCELLING OUT THE CROSS POLARISATION OF A RECEIVED SIGNAL**
[54] **RECEPTEUR DE COMMUNICATION RADIO ANNULANT LA POLARISATION CROISEE D'UN SIGNAL RECU**
[72] PASTERNAK, NICOLAS, FR
[72] THOMAS, ALAIN, FR
[72] DUDAL, CLEMENT, FR
[72] LLAURO, MATHIEU, FR
[72] MILLERIOUX, JEAN-PIERRE, FR
[71] ZODIAC DATA SYSTEMS, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR
[85] 2018-07-24
[86] 2017-01-27 (PCT/EP2017/051861)
[87] (WO2017/129799)
[30] FR (1650651) 2016-01-27

---

[21] **3,012,885**
[13] A1
[51] **Int.Cl. F17C 9/00 (2006.01)**
[25] EN
[54] **SET FOR DISPENSING LIQUEFIED GAS**
[54] **ENSEMBLE DE DISTRIBUTION DE GAZ LIQUEFIE**
[72] OURY, SIMON, FR
[71] CRYOSTAR SAS, FR
[85] 2018-07-27
[86] 2017-01-09 (PCT/EP2017/050353)
[87] (WO2017/129389)
[30] EP (16305092.5) 2016-01-29

---

[21] **3,012,889**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/431 (2011.01) H04N 21/44 (2011.01) G06T 7/194 (2017.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USING VIDEO ANALYTICS TO DETECT REGIONS FOR PRIVACY PROTECTION WITHIN IMAGES FROM MOVING CAMERAS**
[54] **PROCEDES ET APPAREIL PERMETTANT D'UTILISER UNE ANALYTIQUE VIDEO POUR DETECTER DES REGIONS EN VUE D'UNE PROTECTION DE LA CONFIDENTIALITE DANS DES IMAGES PROVENANT DE CAMERAS MOBILES**
[72] MATUSEK, FLORIAN, AT
[72] KRAUS, KLEMENS, AT
[72] SUTOR, STEPHAN, AT
[72] ERDELYI, ADAM, HU
[72] ZANKL, GEORG, AT
[71] KIWISECURITY SOFTWARE GMBH, AT
[85] 2018-07-27
[86] 2017-01-27 (PCT/EP2017/051869)
[87] (WO2017/129804)
[30] US (62/288,762) 2016-01-29

[21] **3,012,890**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) A61K 31/519 (2006.01)**
[25] EN
[54] **COPANLISIB BIOMARKERS**
[54] **BIOMARQUEURS DE COPANLISIB**
[72] LIU, LI, US
[72] PENA, CAROL, US
[72] CHENG, JIE, US
[72] KOCHERT, KARL, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-07-27
[86] 2017-01-30 (PCT/EP2017/051903)
[87] (WO2017/134000)
[30] US (62/289,713) 2016-02-01
[30] US (62/376,017) 2016-08-17

---

[21] **3,012,891**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT, INSERTION TOOL FOR DENTAL IMPLANT AND COMBINATION OF DENTAL IMPLANT AND INSERTION TOOL**
[54] **IMPLANT DENTAIRE, OUTIL D'INSERTION POUR IMPLANT DENTAIRE ET COMBINAISON D'IMPLANT DENTAIRE ET D'OUTIL D'INSERTION**
[72] WEITZEL, JORG, DE
[72] QUARRY, ANTONY, CH
[72] VONWILLER, STEPHAN, CH
[72] PFISTER, NIKI, CH
[72] BURKE, EDMUND, CH
[72] AMETI, SERIF, CH
[72] SOLLBERGER, DAVID, CH
[72] BERNHARD, NICOLAI, CH
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2018-07-27
[86] 2017-01-30 (PCT/EP2017/051953)
[87] (WO2017/129826)
[30] EP (EP16153466.4) 2016-01-29
[30] EP (EP16190958.5) 2016-09-27
[30] EP (EP16206385.3) 2016-12-22

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[21] **3,012,893**
[13] A1
[51] **Int.Cl. B65B 57/10 (2006.01) A61J 7/00 (2006.01) B65B 5/10 (2006.01) B65B 57/18 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING A TRANSPORT TRAY FOR TRANSFERRING PHARMACEUTICAL PORTIONS, AND FILLING STATION FOR SUCH A TRANSPORT TRAY**
[54] **PROCEDE DE REMPLISSAGE D'UN PLATEAU DE TRANSPORT POUR LE TRANSFERT DE PORTIONS DE MEDICAMENTS AINSI QUE POSTE DE REMPLISSAGE POUR UN TEL PLATEAU DE TRANSPORT**
[72] HELLENBRAND, CHRISTOPH, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2018-07-27
[86] 2016-12-12 (PCT/EP2016/080673)
[87] (WO2017/129303)
[30] EP (16153272.6) 2016-01-29

---

[21] **3,012,894**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/744 (2015.01)**
[25] FR
[54] **BACTERIAL STRAIN AS AGENTS FOR PREVENTING AND/OR TREATING RESPIRATORY DISORDERS**
[54] **SOUCHE BACTERIENNE COMME AGENTS DE PREVENTION ET/OU DE TRAITEMENT DE PATHOLOGIES RESPIRATOIRES**
[72] THOMAS, MURIEL, FR
[72] REMOT-BRIZION, AUDE, FR
[72] LANGELLA, PHILIPPE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2018-07-25
[86] 2017-01-27 (PCT/EP2017/051839)
[87] (WO2017/129787)
[30] FR (1650656) 2016-01-27

---

[21] **3,012,895**
[13] A1
[51] **Int.Cl. B31F 1/30 (2006.01) F16G 3/16 (2006.01)**
[25] FR
[54] **DEVICE COMPRISING A FEED ROLL AND A SELF-ADHESIVE FASTENER, AND ASSOCIATED METHOD AND MACHINE**
[54] **DISPOSITIF COMPRENANT UN CYLINDRE D'ENTRAINEMENT ET UN REVETEMENT AUTO-AGRIPPANT, PROCEDE ET MACHINE ASSOCIES**
[72] GEISS, RAYMOND, FR
[72] NABOULET, PATRICK, FR
[71] BRICQ, FR
[85] 2018-07-26
[86] 2017-01-26 (PCT/EP2017/051687)
[87] (WO2017/129702)
[30] FR (1650662) 2016-01-27

---

[21] **3,012,897**
[13] A1
[51] **Int.Cl. A61F 5/02 (2006.01)**
[25] EN
[54] **RECLINER-TYPE ORTHOSIS COMPRISING TIGHTENING STRAPS**
[54] **ORTHESE DE RECLINAISON A SANGLES DE TRACTION**
[72] STIER, GERALD, DE
[72] HARMS, JURGEN, DE
[71] BAUERFEIND AG, DE
[85] 2018-07-27
[86] 2017-01-27 (PCT/EP2017/051803)
[87] (WO2017/129762)
[30] DE (10 2016 201 270.3) 2016-01-28

---

[21] **3,012,899**
[13] A1
[51] **Int.Cl. B23K 26/06 (2014.01) B23K 26/064 (2014.01) B23K 26/066 (2014.01) B23K 26/073 (2006.01) B23K 26/03 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THERMAL MACHINING**
[54] **DISPOSITIF ET PROCEDE D'USINAGE PAR TRAITEMENT THERMIQUE**
[72] SCHNICK, MICHAEL, DE
[72] BROCKE, NILS, DE
[71] KJELLBERG-STIFTUNG, DE
[85] 2018-07-27
[86] 2017-01-27 (PCT/EP2017/051856)
[87] (WO2017/129795)
[30] DE (10 2016 201 418.8) 2016-01-29

[21] **3,012,900**
[13] A1
[51] **Int.Cl. A61K 31/13 (2006.01) A61K 31/185 (2006.01) A61K 31/197 (2006.01) A61K 31/198 (2006.01) A61K 31/27 (2006.01) A61K 31/445 (2006.01) A61K 31/473 (2006.01) A61K 31/496 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 25/32 (2006.01)**
[25] EN
[54] **NOVEL COMBINATORIAL THERAPIES OF NEUROLOGICAL DISORDERS**
[54] **NOUVELLES THERAPIES COMBINEES CONTRE LES TROUBLES NEUROLOGIQUES**
[72] COHEN, DANIEL, FR
[72] NABIROTCHKIN, SERGUEI, FR
[72] HAJJ, RODOLPHE, FR
[71] PHARNEXT, FR
[85] 2018-07-27
[86] 2017-02-03 (PCT/EP2017/052470)
[87] (WO2017/134280)
[30] EP (EP16305128.7) 2016-02-05
[30] EP (EP17152720.3) 2017-01-23

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[21] **3,012,901**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A01N 43/56 (2006.01) A01N 43/647 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **PESTICIDALLY ACTIVE PYRAZOLE DERIVATIVES**
[54] **DERIVES DE PYRAZOLE A ACTIVITE PESTICIDE**
[72] JEANGUENAT, ANDRE, CH
[72] PITTERNA, THOMAS, CH
[72] EL QACEMI, MYRIEM, CH
[72] STOLLER, ANDRE, CH
[72] MONDIERE, REGIS JEAN GEORGES, CH
[72] BIGOT, AURELIEN, CH
[72] EDMUNDS, ANDREW, CH
[72] GRIBKOV, DENIS, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-07-27
[86] 2017-02-16 (PCT/EP2017/053488)
[87] (WO2017/140771)
[30] EP (16156360.6) 2016-02-18

---

[21] **3,012,902**
[13] A1
[51] **Int.Cl. B25J 11/00 (2006.01) G01N 27/327 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR QUALITY EVALUATION OF A HANDHELD ANALYTICAL DEVICE**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE QUALITE DE DISPOSITIF ANALYTIQUE TENU A LA MAIN**
[72] SCHWOEBEL, WOLFGANG, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-27
[86] 2017-02-25 (PCT/EP2017/054427)
[87] (WO2017/144713)
[30] EP (16157282.1) 2016-02-25
[30] US (15/053,074) 2016-02-25

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[21] **3,012,903**
[13] A1
[51] **Int.Cl. H02J 50/80 (2016.01) H02J 50/90 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING WIRELESS POWER TRANSFER**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE TRANSFERT D'ENERGIE SANS FIL**
[72] FARAONE, ANTONIO, US
[72] BIT-BABIK, GIORGI G., US
[72] TRAN, CHI T., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-07-26
[86] 2017-01-12 (PCT/US2017/013198)
[87] (WO2017/142652)
[30] US (15/043,786) 2016-02-15

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[21] **3,012,904**
[13] A1
[51] **Int.Cl. B41J 3/407 (2006.01) B41J 11/00 (2006.01)**
[25] EN
[54] **PRINTING METHOD AND PRINTING DEVICE**
[54] **PROCEDE ET DISPOSITIF D'IMPRESSION**
[72] SCHMIDT, ANDREAS, DE
[71] SCHMIDT, ANDREAS E.K., DE
[85] 2018-07-25
[86] 2017-02-03 (PCT/EP2017/052326)
[87] (WO2017/134193)
[30] DE (10 2016 201 821.3) 2016-02-05

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[21] **3,012,905**
[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 46/10 (2016.01) A61B 10/02 (2006.01)**
[25] FR
[54] **DEVICE FOR THE STERILE COUPLING OF A PERCUTANEOUS SURGICAL INSTRUMENT AND A DRIVING TOOL AND METHOD FOR CARRYING OUT SUCH A COUPLING**
[54] **DISPOSITIF POUR LE COUPLAGE STERILE D'UN INSTRUMENT CHIRURGICAL PERCUTANE ET D'UN OUTIL D'ENTRAINEMENT ET METHODE POUR REALISER UN TEL COUPLAGE**
[72] FUMEX, LAURENT, US
[72] MASSEGLIA, THIERRY, FR
[71] FUMEX, LAURENT, US
[71] MASSEGLIA, THIERRY, FR
[85] 2018-07-27
[86] 2017-02-22 (PCT/FR2017/050391)
[87] (WO2017/144816)
[30] FR (1651435) 2016-02-22

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[21] **3,012,906**
[13] A1
[51] **Int.Cl. C08B 30/18 (2006.01) A23L 29/30 (2016.01) A23L 33/26 (2016.01) C12P 19/04 (2006.01) C12P 19/28 (2006.01)**
[25] EN
[54] **RESISTANT DEXTRIN AND METHOD FOR PREPARING THE SAME**
[54] **DEXTRINE RESISTANTE ET PROCEDE POUR LA FABRIQUER**
[72] DOU, GUANGPENG, CN
[72] GAN, ZHAOBO, CN
[72] LI, FANGHUA, CN
[72] SHAO, XIANBAO, CN
[72] YANG, TENGTENG, CN
[72] DU, QIAN, CN
[72] ZHANG, MINGZHAN, CN
[72] ZHANG, XINGJING, CN
[71] SHANDONG BAILONG CHUANGYUAN BIO-TECH CO., LTD, CN
[85] 2018-07-27
[86] 2017-01-17 (PCT/CN2017/071337)
[87] (WO2017/128984)
[30] CN (201610055348.X) 2016-01-27

[21] **3,012,908**
[13] A1
[51] **Int.Cl. A24F 15/18 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **PERSONAL CARRYING CASE FOR ELECTRONIC VAPING DEVICE**
[54] **ETUI DE TRANSPORT PERSONNEL POUR DISPOSITIF DE VAPORISATION ELECTRONIQUE**
[72] HAWES, ERIC, US
[72] BACHE, TERRY, US
[71] PHILLIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-27
[86] 2017-03-10 (PCT/EP2017/055740)
[87] (WO2017/153594)
[30] US (15/067,395) 2016-03-11

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[21] **3,012,948**
[13] A1
[51] **Int.Cl. B25B 27/02 (2006.01) B25B 27/10 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A WORKING DEVICE, AND WORKING DEVICE**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN OUTIL DE TRAVAIL ET OUTIL DE TRAVAIL**
[72] FRENKEN, EGBERT, DE
[71] GUSTAV KLAUKE GMBH, DE
[85] 2018-07-27
[86] 2017-01-06 (PCT/EP2017/050261)
[87] (WO2017/129385)
[30] DE (10 2016 101 540.7) 2016-01-28
[30] DE (10 2016 117 313.4) 2016-09-14

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[21] **3,012,949**
[13] A1
[51] **Int.Cl. A61H 1/02 (2006.01)**
[25] EN
[54] **HAND REHABILITATION DEVICE**
[54] **DISPOSITIF DE REEDUCATION DE LA MAIN**
[72] KLEIN, JULIUS, ES
[72] KELLER, THIERRY, ES
[72] PERRY, JOEL, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
[85] 2018-07-27
[86] 2017-01-27 (PCT/EP2017/051840)
[87] (WO2017/129788)
[30] EP (16382036.8) 2016-01-29

---

[21] **3,012,950**
[13] A1
[51] **Int.Cl. C07C 243/38 (2006.01) C07C 317/18 (2006.01) C07C 317/28 (2006.01) C07D 207/46 (2006.01) C07K 1/00 (2006.01) C07K 1/107 (2006.01) C07K 1/14 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **LINKER MOLECULE AND USE THEREOF IN METHODS FOR PURIFYING PEPTIDES**
[54] **MOLECULE DE LIAISON ET SON UTILISATION DANS DES PROCEDES DE PURIFICATION DE PEPTIDES**
[72] ZITTERBART, ROBERT, DE
[72] SEITZ, OLIVER, DE
[71] BELYNTIC GMBH, DE
[85] 2018-07-27
[86] 2017-01-30 (PCT/EP2017/051932)
[87] (WO2017/129818)
[30] DE (10 2016 101 606.3) 2016-01-29

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[21] **3,012,951**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) A61K 31/519 (2006.01)**
[25] EN
[54] **COPANLISIB BIOMARKERS**
[54] **BIOMARQUEURS COPANLISIB**
[72] PENA, CAROL, US
[72] LIU, LI, US
[72] CHENG, JIE, US
[72] KOCHERT, KARL, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-07-27
[86] 2017-01-31 (PCT/EP2017/051988)
[87] (WO2017/134030)
[30] US (62/289,715) 2016-02-01

---

[21] **3,012,952**
[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) C08L 77/02 (2006.01) C08L 77/06 (2006.01) C09B 17/00 (2006.01) C09B 21/00 (2006.01)**
[25] EN
[54] **ANTINUCLEATING AGENTS FOR LASER SINTER POWDERS**
[54] **AGENT ANTINUCLEATION DESTINE A UNE POUDRE POUR FRITTAGE LASER**
[72] OSTERMANN, RAINER, DE
[72] GABRIEL, CLAUS, DE
[72] MEIER, THOMAS, DE
[72] GRAMLICH, SIMON, DE
[71] BASF SE, DE
[85] 2018-07-27
[86] 2017-02-16 (PCT/EP2017/053500)
[87] (WO2017/140779)
[30] EP (16156537.9) 2016-02-19

---

[21] **3,012,953**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR SUPPORTING MDT DURING EDRX**
[54] **PROCEDES ET APPAREILS DE PRISE EN CHARGE MDT DURANT UNE EDRX**
[72] SIOMINA, IANA, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-07-27
[86] 2016-12-02 (PCT/IB2016/057327)
[87] (WO2017/134499)
[30] US (62/289,792) 2016-02-01

[21] **3,012,955**
[13] A1
[51] **Int.Cl. A61D 19/02 (2006.01)**
[25] FR
[54] **DEVICE FOR REACHING PAST THE NECK OF THE UTERUS OF A LIVESTOCK ANIMAL FOR THE PURPOSE OF TRANSFERRING MATERIAL OR SUBSTANCE WITH A REPRODUCTVE, THERAPEUTIC OR DIAGNOSTIC PURPOSE OR FOR COLLECTING SAMPLES FROM THE UTERUS**
[54] **DISPOSITIF POUR LE FRANCHISSEMENT DU COL DE L'UTERUS D'UN ANIMAL DE RENTE, POUR LE TRANSFERT DE MATERIEL OU SUBSTANCE A BUT REPRODUCTIF, THERAPEUTIQUE OU DIAGNOSTIQUE OU PRELEVEMENT DEPUIS L'UTERUS**
[72] DECHERF, AGATHE, FR
[72] DREVILLON, PIERRICK, FR
[71] ELEXINN, FR
[85] 2018-07-27
[86] 2017-01-30 (PCT/FR2017/050211)
[87] (WO2017/129929)
[30] FR (1650764) 2016-01-29

[21] **3,012,956**
[13] A1
[51] **Int.Cl. C22C 21/12 (2006.01)**
[25] FR
[54] **THICK PLATES MADE OF AL-CU-LI ALLOY WITH IMPROVED FATIGUE PROPERTIES**
[54] **TOLES EPAISSES EN ALLIAGE AL-CU-LI A PROPRIETES EN FATIGUE AMELIOREES**
[72] EHRSTROM, JEAN-CHRISTOPHE, FR
[72] DA FONSECA BARBATTI, CARLA, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-07-27
[86] 2017-02-03 (PCT/FR2017/050255)
[87] (WO2017/134405)
[30] FR (1650850) 2016-02-03

[21] **3,012,957**
[13] A1
[51] **Int.Cl. C07F 9/38 (2006.01) A61K 31/663 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 19/08 (2006.01) A61P 39/00 (2006.01)**
[25] EN
[54] **NOVEL BISPHOSPHONIC ACID COMPOUND**
[54] **NOUVEAU COMPOSE D'ACIDE BISPHOSPHONIQUE**
[72] KOBASHI, SEIICHI, JP
[72] AOYAGI, YOSHINOBU, JP
[72] KATO, HIROSHIGE, JP
[72] TOKUYAMA, RYUKO, JP
[72] ASHIZAWA, NAOKI, JP
[72] ISHIDA, KOICHI, JP
[72] MATSUMOTO, KOJI, JP
[71] FUJIYAKUHIN CO., LTD., JP
[85] 2018-07-27
[86] 2017-01-27 (PCT/JP2017/002855)
[87] (WO2017/131127)
[30] JP (2016-027405) 2016-01-29

[21] **3,012,958**
[13] A1
[51] **Int.Cl. B65G 47/90 (2006.01)**
[25] EN
[54] **UNIT FOR TRANSFERRING HORTICULTURAL PRODUCTS, AND RELATED METHOD**
[54] **UNITE POUR TRANSFERER DES PRODUITS HORTICOLES, ET PROCEDE ASSOCIE**
[72] AMADORI, MANUEL, IT
[72] FANTONI, MARIA ELENA, IT
[72] FURIERI, LUCA, IT
[72] MARIAN, MARCO, IT
[72] PAPADHIMITRI, XHOAN, IT
[72] ZUCCHELLI, ANDREA, IT
[71] UNITEC S.P.A., IT
[85] 2018-07-27
[86] 2017-01-26 (PCT/IB2017/050404)
[87] (WO2017/130124)
[30] IT (102016000008492) 2016-01-28

[21] **3,012,959**
[13] A1
[51] **Int.Cl. B65G 51/01 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROCESSING HORTICULTURAL PRODUCTS**
[54] **APPAREIL DE TRAITEMENT DE PRODUITS HORTICOLES**
[72] AMADORI, MANUEL, IT
[72] FANTONI, MARIA ELENA, IT
[72] FURIERI, LUCA, IT
[72] MARIAN, MARCO, IT
[72] PAPADHIMITRI, XHOAN, IT
[72] ZUCCHELLI, ANDREA, IT
[71] UNITEC S.P.A., IT
[85] 2018-07-27
[86] 2017-01-26 (PCT/IB2017/050405)
[87] (WO2017/130125)
[30] IT (102016000008506) 2016-01-28

[21] **3,012,960**
[13] A1
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/427 (2006.01) A61P 35/00 (2006.01) C07D 277/42 (2006.01)**
[25] EN
[54] **TUBULYSIN ANALOGS AND METHODS FOR THEIR PREPARATION**
[54] **ANALOGUES DE LA TUBULYSINE ET LEURS PROCEDES DE PREPARATION**
[72] SUBRAMANYAM, CHAKRAPANI, US
[72] TUMEY, LAWRENCE N., US
[72] XIE, LONGFEI, US
[72] LEVERETT, CAROLYN A., US
[72] VETELINO, BETH C., US
[72] SUKURU, SAI CHETAN K., US
[72] HUDSON, SARAH, US
[72] DOPPALAPUDI, VENKATA RAMANA, US
[72] BHAT, ABHIJIT S., US
[71] PFIZER INC., US
[71] COVX TECHNOLOGIES IRELAND LIMITED, IE
[85] 2018-07-27
[86] 2017-01-27 (PCT/IB2017/050462)
[87] (WO2017/134547)
[30] US (62/289,485) 2016-02-01
[30] US (62/322,328) 2016-04-14

[21] **3,012,961**
[13] A1
[51] **Int.Cl. B62K 5/025 (2013.01) B62K 5/027 (2013.01)**
[25] EN
[54] **THREE-WHEELED STRADDLE-SEAT VEHICLE**
[54] **VEHICULE A SELLE A TROIS ROUES**
[72] HEBERT, SEBASTIEN, CA
[72] COTE, ANDRE, CA
[72] RIUS, EMMANUEL, CA
[72] LABERGE, NICOLAS, CA
[72] MALTAIS-LAROUCHE, EMILE, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2018-07-27
[86] 2017-01-30 (PCT/IB2017/050492)
[87] (WO2017/130172)
[30] US (62/289,155) 2016-01-29

---

[21] **3,012,962**
[13] A1
[51] **Int.Cl. C07F 9/50 (2006.01) C07F 15/00 (2006.01)**
[25] EN
[54] **N,N-BIS(2-DIALKYLPHOSPHINOETHYL)AMINE-BORANE COMPLEX AND PRODUCTION METHOD THEREFOR, AND METHOD FOR PRODUCING RUTHENIUM COMPLEX CONTAINING N, N-BIS (2-DIALKYLPHOSPHINOETHYL)AMINE AS LIGAND**
[54] **COMPLEXE DE N,N-BIS(2-DIALKYLPHOSPHINOETHYL)AMINE-BORANE ET SON PROCEDE DE PRODUCTION, ET PROCEDE DE PRODUCTION DE COMPLEXE DE RUTHENIUM CONTENANT LA N,N-BIS(2-DIALKYLPHOSPHINOETHYL) AMINE COMME LIGAND**
[72] NAKAYAMA, YUJI, JP
[72] NAKAJIMA, HIKARU, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
[85] 2018-07-27
[86] 2017-01-30 (PCT/JP2017/003116)
[87] (WO2017/131226)
[30] JP (2016-016455) 2016-01-29

---

[21] **3,012,963**
[13] A1
[51] **Int.Cl. C07K 1/34 (2006.01) C07K 1/36 (2006.01) C07K 14/475 (2006.01) C07K 14/52 (2006.01) C07K 14/54 (2006.01)**
[25] EN
[54] **EXTRACTION PROCESS FROM COLOSTRUM**
[54] **PROCEDE D'EXTRACTION DU COLOSTRUM**
[72] BRUNDO, MARIA VIOLETTA, IT
[72] SCIACCA, SALVATORE, IT
[71] INNOMED S.A., LU
[85] 2018-07-27
[86] 2017-01-31 (PCT/IB2017/050513)
[87] (WO2017/134559)
[30] IT (102016000011567) 2016-02-04

---

[21] **3,012,964**
[13] A1
[51] **Int.Cl. G07F 11/46 (2006.01) G07F 11/60 (2006.01)**
[25] EN
[54] **AUTOMATED KIOSK FOR TRANSPORTING AN ITEM WITH A TRAY**
[54] **KIOSQUE AUTOMATISE POUR LE TRANSPORT D'UN ARTICLE AVEC UN PLATEAU**
[72] JIN, YONG SUK, CA
[72] JAFFER, SHAMIRA, CA
[71] SIGNIFI SOLUTIONS INC., CA
[85] 2018-07-27
[86] 2017-03-07 (PCT/IB2017/051340)
[87] (WO2017/153920)
[30] US (62/305,718) 2016-03-09

---

[21] **3,012,965**
[13] A1
[51] **Int.Cl. A61M 5/36 (2006.01)**
[25] EN
[54] **FLUID STORAGE CONTAINER DEGASSING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DEGAZAGE DE RECIPIENT DE STOCKAGE DE FLUIDE**
[72] SANCHEZ, ROBERT JOSEPH, JR., US
[71] NOVARTIS AG, CH
[85] 2018-07-27
[86] 2017-03-22 (PCT/IB2017/051664)
[87] (WO2017/163202)
[30] US (15/077,575) 2016-03-22

---

[21] **3,012,966**
[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR PRESSURE SENSING SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DETECTION DE PRESSION INTRAOCULAIRE**
[72] JOHNSON, ANDREW DAVID, US
[72] KASHANI, POORIA SHARIF, US
[71] NOVARTIS AG, CH
[85] 2018-07-27
[86] 2017-04-27 (PCT/IB2017/052440)
[87] (WO2017/187380)
[30] US (15/139,799) 2016-04-27

---

[21] **3,012,967**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61P 43/00 (2006.01) C07C 237/10 (2006.01) C07C 247/04 (2006.01) C07C 271/16 (2006.01) C07H 15/04 (2006.01)**
[25] EN
[54] **NUCLEIC ACID CONJUGATE**
[54] **COMPLEXE D'ACIDES NUCLEIQUES**
[72] UEHARA, KEIJI, JP
[72] SUZUKI, YASUHIRO, JP
[72] IWAI, HIROTO, JP
[72] HOMMA, MASAKAZU, JP
[72] FUKUDA, YUICHI, JP
[72] KIUCHI, TATSUTO, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2018-07-27
[86] 2017-01-30 (PCT/JP2017/003249)
[87] (WO2017/131236)
[30] JP (2016-016707) 2016-01-29

[21] **3,012,968**
[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) B21J 15/14 (2006.01) B21J 15/30 (2006.01) B23Q 3/02 (2006.01) B64C 1/12 (2006.01)**
[25] EN
[54] **SHAPE HOLDING FIXTURE AND METHOD FOR MANUFACTURING AIRCRAFT PANEL**
[54] **GABARIT DE RETENUE DE FORME ET PROCEDE DE PRODUCTION DE PANNEAU D'AERONEF**
[72] HIRAI, MAKOTO, JP
[72] AZUMA, HIROKI, JP
[72] GOTO, TAKUYA, JP
[72] TAKEYAMA, SACHIO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-07-27
[86] 2016-11-17 (PCT/JP2016/084128)
[87] (WO2017/134901)
[30] JP (2016-018426) 2016-02-02

---

[21] **3,012,969**
[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **HOUSING-SECURING UNIT FOR VEHICLE AND SUBSTRATE-ACCOMMODATION HOUSING**
[54] **UNITE DE FIXATION DE BOITIER POUR VEHICULE ET BOITIER DE RANGEMENT DE SUBSTRAT**
[72] CHITAKA, HIROKI, JP
[72] YOKOTA, MASARU, JP
[71] DENSO CORPORATION, JP
[85] 2018-07-27
[86] 2016-11-25 (PCT/JP2016/084876)
[87] (WO2017/130548)
[30] JP (2016-016454) 2016-01-29

---

[21] **3,012,970**
[13] A1
[51] **Int.Cl. B22D 11/16 (2006.01) B22D 11/12 (2006.01) B22D 11/128 (2006.01)**
[25] EN
[54] **SLAB WARPAGE DETECTION APPARATUS AND METHOD OF DETECTING WARPAGE OF SLAB**
[54] **DISPOSITIF DE DETECTION DE DEFORMATION DE PLAQUE ET PROCEDE DE DETECTION DE DEFORMATION DE PLAQUE**
[72] IMAI, SHUNTARO, JP
[72] TAKATA, RYOUSUKE, JP
[72] JOTOKU, MITSUTOSHI, JP
[72] UCHIYAMA, HIROAKI, JP
[72] HATTORI, MITSUTAKA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-27
[86] 2017-02-02 (PCT/JP2017/003872)
[87] (WO2017/135390)
[30] JP (2016-018309) 2016-02-02

---

[21] **3,012,973**
[13] A1
[51] **Int.Cl. A61L 15/28 (2006.01) A61F 13/00 (2006.01) C08B 11/12 (2006.01)**
[25] EN
[54] **SHEET FOR COVERING WOUND**
[54] **FEUILLE PERMETTANT DE RECOUVRIR UNE PLAIE**
[72] HARA, YUICHI, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2018-07-27
[86] 2017-02-10 (PCT/JP2017/004995)
[87] (WO2017/138653)
[30] JP (2016-023491) 2016-02-10

---

[21] **3,012,974**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **WORK ANALYSIS DEVICE, WORK ANALYSIS METHOD, PROGRAM AND INFORMATION STORAGE MEDIUM**
[54] **DISPOSITIF D'ANALYSE DE TRAVAIL, PROCEDE D'ANALYSE DE TRAVAIL, PROGRAMME ET SUPPORT DE STOCKAGE D'INFORMATIONS**
[72] ARAO, TAKAHIDE, JP
[72] OOKA, AKIRA, JP
[72] AMAMI, MITSURU, JP
[71] BROADLEAF CO., LTD., JP
[85] 2018-07-27
[86] 2016-12-22 (PCT/JP2016/088324)
[87] (WO2017/130615)
[30] JP (2016-014526) 2016-01-28

---

[21] **3,012,975**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 30/095 (2012.01)**
[25] EN
[54] **VEHICLE TRAVEL CONTROL METHOD AND VEHICLE TRAVEL CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] AOKI, MOTONOBU, JP
[72] FUJITA, SUSUMU, JP
[72] MISHINA, YOHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-27
[86] 2017-01-04 (PCT/JP2017/000047)
[87] (WO2017/130641)
[30] JP (2016-015807) 2016-01-29

[21] **3,012,976**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/46 (2006.01) A61K 31/4709 (2006.01) A61K 31/498 (2006.01) A61K 31/5355 (2006.01) A61K 31/5377 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 451/02 (2006.01)**
[25] EN
[54] **AZOLE-SUBSTITUTED PYRIDINE COMPOUND**
[54] **COMPOSE DE PYRIDINE A SUBSTITUANT AZOLE**
[72] TANAKA, HIROAKI, JP
[72] BOHNO, AYAKO, JP
[72] HAMADA, MAKOTO, JP
[72] ITO, YUJI, JP
[72] KOBASHI, YOHEI, JP
[72] KAWAMURA, MADOKA, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-07-27
[86] 2017-02-14 (PCT/JP2017/005388)
[87] (WO2017/141927)
[30] JP (2016-025878) 2016-02-15

[21] **3,012,977**
[13] A1
[51] **Int.Cl. H04L 27/01 (2006.01) H04B 10/61 (2013.01) H04L 27/38 (2006.01)**
[25] EN
[54] **PHASE COMPENSATION DEVICE, PHASE COMPENSATION METHOD AND COMMUNICATION APPARATUS**
[54] **DISPOSITIF DE COMPENSATION DE PHASE, PROCEDE DE COMPENSATION DE PHASE ET APPAREIL DE COMMUNICATION**
[72] YAMAZAKI, ETSUSHI, JP
[72] NOUCHI, HIROYUKI, JP
[72] ONUMA, YASUHARU, JP
[72] TAKAMUKU, TOMOHIRO, JP
[72] OYAMA, KATSUICHI, JP
[72] TAKEI, KAZUHITO, JP
[72] TOMIZAWA, MASAHITO, JP
[72] KISAKA, YOSHIAKI, JP
[72] YOSHIDA, MITSUTERU, JP
[72] NAKAMURA, MASANORI, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2018-07-27
[86] 2017-04-13 (PCT/JP2017/015195)
[87] (WO2017/217100)
[30] JP (2016-120841) 2016-06-17

[21] **3,012,978**
[13] A1
[51] **Int.Cl. B66C 1/34 (2006.01) B66C 1/66 (2006.01) F16G 15/06 (2006.01)**
[25] EN
[54] **SHACKLE**
[54] **MANILLE**
[72] KIM, CHOONG HO, KR
[71] KIM, CHOONG HO, KR
[85] 2018-07-27
[86] 2016-01-28 (PCT/KR2016/000928)
[87] (WO2017/131255)
[30] KR (10-2016-0009765) 2016-01-27

[21] **3,012,979**
[13] A1
[51] **Int.Cl. B66C 1/62 (2006.01) B66C 1/66 (2006.01)**
[25] EN
[54] **LIFTING FASTENER**
[54] **DISPOSITIF DE FIXATION DE LEVAGE**
[72] KIM, CHOONG HO, KR
[71] KIM, CHOONG HO, KR
[85] 2018-07-27
[86] 2016-01-28 (PCT/KR2016/000938)
[87] (WO2017/131257)
[30] KR (10-2016-0009769) 2016-01-27

[21] **3,012,980**
[13] A1
[51] **Int.Cl. B60N 2/26 (2006.01) B60N 2/28 (2006.01) B60N 2/64 (2006.01) B60N 2/68 (2006.01) B60R 22/10 (2006.01)**
[25] EN
[54] **PORTABLE CAR SEAT**
[54] **SIEGE POUR VOITURE PORTATIF**
[72] JUNG, IN SOO, KR
[72] KIM, MOO KYUNG, KR
[72] SUNG, GWON JE, KR
[72] LEE, KYEONG DONG, KR
[71] DONG-IN ENTECH CO., LTD., KR
[85] 2018-07-27
[86] 2016-03-16 (PCT/KR2016/002653)
[87] (WO2017/131282)
[30] KR (10-2016-0011596) 2016-01-29

[21] **3,012,981**
[13] A1
[51] **Int.Cl. E02F 9/22 (2006.01) E02F 9/20 (2006.01) G01H 1/00 (2006.01)**
[25] EN
[54] **HYDRAULIC BREAKER CAPABLE OF CALCULATING OPERATING TIME**
[54] **BROYEUR HYDRAULIQUE CAPABLE DE CALCULER LE TEMPS DE FONCTIONNEMENT**
[72] JOO, JIN MOO, KR
[71] DAEMO ENGINEERING CO., LTD., KR
[85] 2018-07-27
[86] 2017-01-26 (PCT/KR2017/000955)
[87] (WO2017/131466)
[30] KR (10-2016-0010602) 2016-01-28

[21] **3,012,982**
[13] A1
[51] **Int.Cl. C12N 9/96 (2006.01) A61K 47/50 (2017.01) C08G 65/34 (2006.01)**
[25] EN
[54] **CONJUGATE OF THERAPEUTIC ENZYMES**
[54] **ENSEMBLE DE COUPLAGE POUR ENZYMES THERAPEUTIQUES**
[72] KIM, DAE JIN, KR
[72] KIM, JUNG KUK, KR
[72] JUNG, SUNG YOUB, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2018-07-27
[86] 2017-01-31 (PCT/KR2017/001016)
[87] (WO2017/131496)
[30] KR (10-2016-0011886) 2016-01-29

---

[21] **3,012,984**
[13] A1
[51] **Int.Cl. G21C 15/18 (2006.01) G21C 15/26 (2006.01) G21C 15/28 (2006.01) G21C 19/08 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR NUCLEAR REACTOR**
[54] **SYSTEME DE REFROIDISSEMENT POUR REACTEUR NUCLEAIRE**
[72] LEBLANC, DAVID, CA
[72] RODENBURG, ANTHONIUS C., CA
[71] TERRESTRIAL ENERGY INC., CA
[85] 2018-07-27
[86] 2017-01-27 (PCT/CA2017/050095)
[87] (WO2017/127937)
[30] US (62/288,790) 2016-01-29

---

[21] **3,012,985**
[13] A1
[51] **Int.Cl. C12Q 1/56 (2006.01)**
[25] EN
[54] **BIOMARKERS OF VASCULAR DISEASE**
[54] **BIOMARQUEURS DE MALADIES VASCULAIRES**
[72] TUNAC, JOSEFINO B., US
[71] KARDIATONOS, INC., US
[85] 2018-07-27
[86] 2016-01-27 (PCT/US2016/015015)
[87] (WO2016/123163)
[30] US (62/108,146) 2015-01-27

---

[21] **3,012,987**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DUAL BORE CO-MINGLER WITH MULTIPLE POSITION INNER SLEEVE**
[54] **CO-MELANGEUR A DOUBLE TROU AVEC MANCHON INTERNE A POSITIONS MULTIPLES**
[72] VAN DER VEEN, STEFFEN, NO
[72] DAHL, ESPEN, NO
[72] FALNES, MORTEN, NO
[72] LINDLAND, FRODE, NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-27
[86] 2016-03-15 (PCT/US2016/022432)
[87] (WO2017/160278)

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,010,256**
[13] A1
[51] **Int.Cl. A62C 37/00 (2006.01)**
[25] EN
[54] **FIRE EXTINGUISHING SYSTEM AND DIAGNOSTIC METHODS**
[54] **SYSTEME D'EXTINCTION D'INCENDIE ET METHODES DE DIAGNOSTIC**
[72] ROUSE, PAUL J., US
[72] BOLACK, RICHARD, US
[72] SCHAEFER, CHARLES P., US
[71] GUARDIAN SAFETY SOLUTIONS INTERNATIONAL INC., US
[22] 2013-06-26
[41] 2013-12-26
[62] 2,819,414
[30] US (61/664,334) 2012-06-26

---

[21] **3,010,386**
[13] A1
[51] **Int.Cl. B29C 45/18 (2006.01) B29C 45/14 (2006.01) B29C 45/26 (2006.01)**
[25] EN
[54] **MOLDING TOOLS WITH INTERCHANGEABLE INSERTS TO FORM A VARIETY OF PARTS WITH DIFFERING GEOMETRIES FROM A SINGLE TOOL**
[54] **OUTILS DE MOULAGE AYANT DES INSERTS INTERCHANGEABLES POUR FORMER UNE VARIETE DE PIECES DE GEOMETRIES DIFFERENTES A PARTIR D'UN SEUL OUTIL**
[72] COOK, JOSEPH R., US
[71] COOK, JOSEPH R., US
[22] 2014-10-20
[41] 2015-04-23
[62] 2,927,929
[30] US (14/057,656) 2013-10-18

---

[21] **3,010,828**
[13] A1
[51] **Int.Cl. A61F 2/848 (2013.01) A61F 2/06 (2013.01)**
[25] EN
[54] **STENT WITH ANTI-MIGRATION FEATURE**
[54] **ENDOPROTHESE VASCULAIRE AVEC CARACTERISTIQUE ANTIMIGRATOIRE**
[72] CLERC, CLAUDE, US
[72] TUPIL, SRI, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[22] 2009-01-15
[41] 2009-07-23
[62] 2,710,561
[30] US (61/021764) 2008-01-17

---

[21] **3,011,028**
[13] A1
[51] **Int.Cl. B01D 29/72 (2006.01) B01D 35/16 (2006.01) B01D 46/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMOVING RETENTATE FROM FILTERS**
[54] **PROCEDE ET SYSTEME POUR ELIMINER LE RETENTAT DES FILTRES**
[72] BROMBERG, LESLIE, US
[72] SAPPOK, ALEXANDER, US
[71] FILTER SENSING TECHNOLOGIES, INC., US
[22] 2011-06-08
[41] 2011-12-15
[62] 2,801,561
[30] US (61/352,908) 2010-06-09

---

[21] **3,011,301**
[13] A1
[51] **Int.Cl. H04N 19/82 (2014.01) H04N 19/117 (2014.01) H04N 19/159 (2014.01) H04N 19/52 (2014.01) G06T 9/00 (2006.01)**
[25] EN
[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA SOLIDITE DE LA FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA HIROYUKI, US
[71] DOLBY INTERNATIONAL AB, NL
[22] 2002-09-11
[41] 2003-03-27
[62] 2,973,279
[30] US (09/953,329) 2001-09-14

---

[21] **3,011,313**
[13] A1
[51] **Int.Cl. A61L 2/22 (2006.01)**
[25] EN
[54] **MICROAEROSOL-BASED DECONTAMINATION METHOD**
[54] **PROCEDE DE DECONTAMINATION A BASE DE MICROAEROSOL**
[72] SVENTITSKYI, EVGENIYI, RU
[72] GLUSHENKO, VALERYI, RU
[72] TOLPAROV, YURI, RU
[72] EGOROVA, TATIANA, RU
[72] CHERNYAEVA, ELENA, RU
[72] KONTORINA, NADEZHDA, RU
[72] ISKRITSKY, VIKTOR, RU
[72] RAININA EVGUENIA, RU
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2009-06-26
[41] 2009-12-30
[62] 2,727,115
[30] RU (N2008125415) 2008-06-26

[21] **3,011,433**
[13] A1
[51] **Int.Cl. A61L 27/38 (2006.01) A61F 9/007 (2006.01) A61F 9/01 (2006.01)**
[25] EN
[54] **CORNEAL VITRIFICATION, METHODS AND DEVICES TO PRODUCE CORNEAL VITRIFICATION AND METHODS OF USE THEREOF**
[54] **VITRIFICATION CORNEENNE, PROCEDES ET DISPOSITIFS POUR PRODUIRE UNE VITRIFICATION CORNEENNE ET LEURS PROCEDES D'UTILISATION**
[72] SERDAREVIC, OLIVIA, US
[72] BERRY, MICHAEL, US
[72] HELLER, DONALD F., US
[71] SERDAREVIC, OLIVIA, US
[71] BERRY, MICHAEL, US
[71] HELLER, DONALD F., US
[22] 2014-10-13
[41] 2015-05-21
[62] 2,930,417
[30] US (61/903213) 2013-11-12

---

[21] **3,011,478**
[13] A1
[51] **Int.Cl. G06F 8/65 (2018.01) G05B 19/042 (2006.01)**
[25] EN
[54] **CONTROLLER AND METHOD, DEVICE AND SYSTEM FOR USE IN CONFIGURING SAME**
[54] **CONTROLEUR ET METHODE, DISPOSITIF ET SYSTEME DESTINES A SA CONFIGURATION**
[72] BROCHU, CHRISTIAN, CA
[72] LAFLAMME, BENOIT, CA
[71] GECKO ALLIANCE GROUP INC., CA
[22] 2014-05-23
[41] 2015-11-23
[62] 2,852,445

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[21] **3,011,572**
[13] A1
[51] **Int.Cl. D21H 21/20 (2006.01) D21H 17/33 (2006.01)**
[25] EN
[54] **CELLULASE COMPOSITION CONTAINING CELLULASE AND PAPERMAKING POLYMERS FOR PAPER DRY STRENGTH APPLICATION**
[54] **COMPOSITION DE CELLULASE CONTENANT DE LA CELLULASE ET POLYMERES DE FABRICATION DU PAPIER POUR APPLICATION DE RESISTANCE A SEC DE PAPIER**
[72] GU, QU-MING, US
[72] SUTMAN, FRANK J., US
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[22] 2013-10-08
[41] 2014-04-17
[62] 2,887,104
[30] US (61/711,269) 2012-10-09

---

[21] **3,011,580**
[13] A1
[51] **Int.Cl. B29C 47/04 (2006.01) B29C 47/90 (2006.01) B29C 51/00 (2006.01)**
[25] EN
[54] **PROCESS, APPARATUS AND SYSTEM FOR CREATING EXTRUDABLE MATERIAL HAVING COLOR EFFECTS AND PRODUCTS MADE WITH EXTRUDABLE MATERIAL CREATED WITH SAME**
[54] **PROCEDE, APPAREIL ET SYSTEME SERVANT A CREER UN MATERIAU EXTRUDABLE AYANT DES EFFETS DE COULEUR ET PRODUITS FAITS DU MATERIAU EXTRUDABLE AINSI CREE**
[72] LEMAY, MATHIEU, CA
[72] JALBERT, STEVE, CA
[71] PELICAN INTERNATIONAL INC., CA
[22] 2015-12-23
[41] 2017-06-23
[62] 2,979,855

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[21] **3,011,682**
[13] A1
[51] **Int.Cl. C25C 3/00 (2006.01)**
[25] EN
[54] **EXTRACTION OF LIQUID ELEMENTS BY ELECTROLYSIS OF OXIDES**
[54] **EXTRACTION D'UN ELEMENT LIQUIDE PAR ELECTROLYSE D'OXYDES**
[72] ALLANORE, ANTOINE, US
[72] SADOWAY, DONALD R., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 2011-08-22
[41] 2012-03-01
[62] 2,809,237
[30] US (61/489,565) 2011-05-24
[30] US (61/375,935) 2010-08-23

---

[21] **3,011,833**
[13] A1
[51] **Int.Cl. B01D 25/164 (2006.01)**
[25] EN
[54] **SEPARATION SYSTEMS, ELEMENTS, AND METHODS FOR SEPARATION UTILIZING STACKED MEMBRANES AND SPACERS**
[54] **SYSTEMES DE SEPARATION, ELEMENTS ET PROCEDES DE SEPARATION UTILISANT DES MEMBRANES ET DES DISPOSITIFS D'ESPACEMENT EMPILES**
[72] BENTON, CHARLES, US
[72] BAKAJIN, OLGICA, US
[71] PORIFERA, INC., US
[22] 2013-12-20
[41] 2014-06-26
[62] 2,896,047
[30] US (61/745,300) 2012-12-21

[21] **3,011,871**
[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/52 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **PREDICTION FILTERING BASED ON THE INTRA PREDICTION MODE OF THE CURRENT BLOCK**
[54] **FILTRAGE DE PREDICTION FONDE SUR LE MODE INTRA PREDICTION DU BLOC COURANT**
[72] LEE, JIN HO, KR
[72] KIM, HUI YONG, KR
[72] LIM, SUNG CHANG, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2012-06-20
[41] 2012-12-27
[62] 2,910,612
[30] KR (10-2011-0059850) 2011-06-20
[30] KR (10-2011-0065708) 2011-07-01
[30] KR (10-2011-0119214) 2011-11-15
[30] KR (10-2011-0125353) 2011-11-28
[30] KR (10-2012-0066206) 2012-06-20

[21] **3,011,879**
[13] A1
[51] **Int.Cl. H04N 21/433 (2011.01) H04N 5/907 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTERACTIVE PROGRAM GUIDES WITH PERSONAL VIDEO RECORDING FEATURES**
[54] **SYSTEMES ET PROCEDES POUR GUIDES D'EMISSIONS INTERACTIFS COMPORTANT DES_CARACTERISTIQUES D'ENREGISTREMENT VIDEO PERSONNEL**
[72] ELLIS, MICHAEL D., US
[72] GAYDOU, DANNY R., US
[72] REICHARDT, M., SCOTT, US
[72] BAUMGARTNER, JOSEPH P., US
[72] THOMAS, WILLIAM L., US
[71] ROVI GUIDES, INC., US
[22] 2002-02-21
[41] 2002-09-06
[62] 2,916,209
[30] US (60/270,469) 2001-02-21
[30] US (60/271,809) 2001-02-27
[30] US (60/284,703) 2001-04-18
[30] US (60/290,709) 2001-05-14
[30] US (60/296,593) 2001-06-07
[30] US (60/301,589) 2001-06-28

[21] **3,011,931**
[13] A1
[51] **Int.Cl. A61B 17/42 (2006.01) A61B 1/32 (2006.01) A61M 29/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PREVENTING VAGINAL LACERATIONS DURING CHILDBIRTH**
[54] **METHODES ET APPAREIL POUR PREVENIR LES LACERATIONS VAGINALES LORS DE L'ACCOUCHEMENT**
[72] JURAVIC, MARK, US
[72] STEWART, MICHAEL, US
[71] MATERNA MEDICAL, INC., US
[22] 2010-10-13
[41] 2011-04-21
[62] 2,777,526
[30] US (61/278,687) 2009-10-13

[21] **3,011,940**
[13] A1
[51] **Int.Cl. B64F 1/04 (2006.01) B64C 13/20 (2006.01) F41F 1/00 (2006.01) F41F 3/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND DEVICES FOR REMOTELY OPERATED UNMANNED AERIAL VEHICLE REPORT-SUPPRESSING LAUNCHER WITH PORTABLE RF TRANSPARENT LAUNCH TUBE**
[54] **SYSTEMES ET DISPOSITIFS POUR UN LANCEUR A SUPPRESSION DE DETONATION DE VEHICULE AERIEN TELEGUIDE DOTE D'UN TUBE DE LANCEMENT TRANSPARENT RF PORTATIF**
[72] MIRALLES, CARLOS THOMAS, US
[72] SU, GUAN H., US
[72] ANDRYUKOV, OLEKSANDR, US
[72] MCNEIL, JOHN, US
[71] AEROVIRONMENT, INC., US
[22] 2010-09-09
[41] 2011-06-03
[62] 2,789,722
[30] US (61/240,987) 2009-09-09
[30] US (61/240,996) 2009-09-09
[30] US (61/241,001) 2009-09-09

[21] **3,011,999**
[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/444 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/551 (2006.01) A61P 31/04 (2006.01) C07D 491/052 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL POTENTIATORS**
[54] **POTENTIALISATEURS ANTIMICROBIENS**
[72] OPPERMAN, TIMOTHY J., US
[72] NGUYEN, SON T., US
[72] KWASNY, STEVEN M., US
[72] DING, XIAOYUAN, US
[71] MICROBIOTIX, INC., US
[22] 2014-05-03
[41] 2014-11-06
[62] 2,910,593
[30] US (61/819054) 2013-05-03

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,012,000**
[13] A1
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 28/10 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **MULTI-CHANNEL, MULTI-MODULATION, MULTI-RATE COMMUNICATION WITH A RADIO TRANSCEIVER**
[54] **COMMUNICATION A PLUSIEURS CANAUX, MODULATIONS ET DEBITS AVEC EMETTEUR-RECEPTEUR RADIO**
[72] NGUYEN, VIET-HUNG, US
[72] MAINAUD, BASTIEN, US
[72] BARTIER, JEROME, US
[72] MONIER, FABRICE, US
[72] POPA, DANIEL, US
[72] VAN WYK, HARTMAN, US
[71] ITRON GLOBAL SARL, US
[22] 2012-01-27
[41] 2013-05-16
[62] 2,854,623
[30] EP (11188908.5) 2011-11-11

[21] **3,012,005**
[13] A1
[51] **Int.Cl. B65B 3/16 (2006.01) B65B 3/04 (2006.01) B65B 39/00 (2006.01) B65D 1/02 (2006.01) B65D 23/00 (2006.01) B65D 23/02 (2006.01)**
[25] EN
[54] **METHOD OF FILLING LIQUID CONTENT AND PACKING CONTAINER FILLED WITH LIQUID CONTENT**
[54] **PROCEDE DE REMPLISSAGE DE CONTENUS FLUIDES, ET RECIPIENT D'EMBALLAGE REMPLI DE CONTENUS FLUIDES**
[72] AKUTSU, YOSUKE, JP
[72] WASHIZAKI, TOSHIROU, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[22] 2015-05-01
[41] 2015-12-03
[62] 2,948,319
[30] JP (2014-108663) 2014-05-27
[30] JP (2015-059530) 2015-03-23

[21] **3,012,134**
[13] A1
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 19/032 (2013.01) G10L 19/093 (2013.01)**
[25] EN
[54] **MODEL BASED PREDICTION IN A CRITICALLY SAMPLED FILTERBANK**
[54] **PREDICTION BASEE SUR UN MODELE DANS UN BLOC DE FILTRES ECHANTILLONNES DE MANIERE CRITIQUE**
[72] VILLEMOES, LARS, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2014-01-07
[41] 2014-07-17
[62] 2,897,321
[30] US (61/750,052) 2013-01-08
[30] US (61/875,528) 2013-09-09

[21] **3,012,210**
[13] A1
[51] **Int.Cl. E21B 47/047 (2012.01)**
[25] EN
[54] **WELL WATER DEPTH MONITOR**
[54] **SURVEILLANCE DE PROFONDEUR D'EAU DE PUITS**
[72] BOURGEOIS, ANDRE EMILE, US
[72] DICOCCO, ENRICO ANTHONY, US
[72] BULLARD, RODHNEY SCOTT, US
[72] WHIPPLE, STEPHEN VINCENT, US
[71] WELLGAUGE, INC., US
[22] 2015-05-06
[41] 2015-11-12
[62] 2,947,598
[30] US (61/990,183) 2014-05-08

[21] **3,012,229**
[13] A1
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/4245 (2006.01)**
[25] EN
[54] **1,2,5-OXADIAZOLES AS INHIBITORS OF INDOLEAMINE 2,3-DIOXYGENASE**
[54] **1,2,5-OXADIAZOLES CONSTITUANT DES INHIBITEURS DE L'INDOLEAMINE 2,3-DIOXYGENASE**
[72] COMBS, ANDREW P., US
[72] YUE, EDDY W., US
[72] SPARKS, RICHARD B., US
[72] ZHU, WENYU, US
[72] ZHOU, JIACHENG, US
[72] LIN, QIYAN, US
[72] WENG, LINGKAI, US
[72] LIU, PINGLI, US
[72] YUE, TAI-YUEN, US
[71] INCYTE HOLDINGS CORPORATION, US
[22] 2009-07-07
[41] 2010-01-14
[62] 2,743,975
[30] US (61/078876) 2008-07-08
[30] US (61/150873) 2009-02-09

[21] **3,012,232**
[13] A1
[51] **Int.Cl. H01H 13/14 (2006.01) H02B 1/46 (2006.01) H02G 3/08 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **ACTUATING MULTIPLE FEATURES OF A DEVICE LOCATED IN AN EXPLOSION-PROOF ENCLOSURE**
[54] **UTILISATION D'UN INHIBITEUR DU TNF ALPHA POUR LE TRAITEMENT DE LA POLYARTHRITE EROSIVE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2011-12-20
[41] 2012-06-28
[62] 2,903,193
[30] US (61/426,429) 2010-12-22

[21] **3,012,331**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) B01F 15/02 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MOBILE, MODULAR, ELECTRICALLY POWERED SYSTEM FOR USE IN FRACTURING UNDERGROUND FORMATIONS**
[54] **SYSTEME ELECTRIQUE MOBILE ET MODULAIRE UTILISE POUR FRACTURER DES FORMATIONS SOUTERRAINES**
[72] COLI, TODD, CA
[72] SCHELSKE, ELDON, CA
[71] EVOLUTION WELL SERVICES, LLC, US
[22] 2012-04-10
[41] 2012-10-07
[62] 2,900,387
[30] US (61/472,861) 2011-04-07

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[21] **3,012,364**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **CONTROLLED NEGATIVE PRESSURE APPARATUS AND ALARM MECHANISM**
[54] **APPAREIL A PRESSION NEGATIVE CONTROLEE ET MECANISME D'ALARME**
[72] HU, DEAN, US
[72] YORKEY, THOMAS, US
[72] ANDERSON, EVAN, US
[72] WU, KENNETH, US
[72] COXUM, ANTHONY, US
[71] KCI LICENSING, INC., US
[22] 2011-08-10
[41] 2012-02-16
[62] 2,807,936
[30] US (61/372,419) 2010-08-10
[30] US (61/372,837) 2010-08-11
[30] US (61/372,843) 2010-08-11
[30] US (61/470,423) 2011-03-31
[30] US (13/175,744) 2011-07-01

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[21] **3,012,366**
[13] A1
[51] **Int.Cl. B29C 70/60 (2006.01) A47G 27/02 (2006.01) E04B 1/94 (2006.01) E04C 2/10 (2006.01)**
[25] EN
[54] **CARPET WASTE COMPOSITE**
[54] **COMPOSITE CONSTITUE DE DECHETS DE REVETEMENTS DE SOL**
[72] MANCOSH, DOUGLAS, US
[72] PRZYBYLINSKI, JAMES, US
[72] MURDOCK, DAVID E., US
[71] MATERIAL INNOVATIONS, LLC, US
[22] 2007-01-11
[41] 2007-07-26
[62] 2,933,740
[30] US (60/760,500) 2006-01-20
[30] US (11/507,366) 2006-08-21
[30] US (11/514,303) 2006-08-31

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[21] **3,012,506**
[13] A1
[51] **Int.Cl. A45D 26/00 (2006.01) A01K 13/00 (2006.01) A01K 14/00 (2006.01)**
[25] EN
[54] **MACHINE AND METHOD FOR HAIR OR BRISTLE REMOVAL**
[54] **MACHINE ET PROCEDE D'ELIMINATION DE POILS**
[72] JESSOP, ISRAEL, US
[71] LIFECELL CORPORATION, US
[22] 2011-10-04
[41] 2012-04-12
[62] 2,810,718
[30] US (61/389,791) 2010-10-05

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[21] **3,012,625**
[13] A1
[51] **Int.Cl. B24D 18/00 (2006.01) B24D 3/04 (2006.01) B24D 5/10 (2006.01)**
[25] EN
[54] **SHAPED ABRASIVE PARTICLES WITH GROOVES**
[54] **PARTICULES ABRASIVES MISES EN FORME COMPORTANT DES RAINURES**
[72] BODEN, JOHN T., US
[72] ERICKSON, DWIGHT D., US
[72] CULLER, SCOTT R., US
[72] ADEFRIS, NEGUS B., US
[72] HAAS, JOHN D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2009-11-30
[41] 2010-07-08
[62] 2,746,932
[30] US (61/138268) 2008-12-17

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[21] **3,012,785**
[13] A1
[51] **Int.Cl. E04D 1/20 (2006.01) E04D 1/26 (2006.01) E04D 1/28 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE WITH ENHANCED SHADOWLINE APPEARANCE**
[54] **BARDEAU DE TOITURE OFFRANT UN ASPECT DE LIGNE D'OMBRE AMELIORE**
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[72] JACOBS, GREGORY F., US
[71] CERTAINTEED CORPORATION, US
[22] 2013-12-20
[41] 2014-07-04
[62] 2,837,573
[30] US (61/748,790) 2013-01-04

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KOMATSU, STAN 2,803,149
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KONDOU, TAKASHI 2,911,741
KOOPMAN, JACOB 2,785,595
KOSAKA, YOJI 2,839,303
KOSMICKI, RANDY J. 2,906,777
KOZAK, EDWARD P. 2,756,784
KOZIKOWSKI, ALAN 2,768,466
KOZIKOWSKI, ALAN 2,788,416
KRAFT FOODS GROUP BRANDS LLC 2,762,581
KRASBERG, NICOLAI 2,930,477
KRAUSE, G. MATT 2,924,064
KREITZ, MICHAEL 2,695,174
KREUZER, CARSTEN HEINRICH 2,894,246
KRIEGER, DANIEL J. 2,804,017
KRIEGSTEIN, STEWART 2,943,079
KRISHNAN, VENKATESH 2,896,814
KRIVULIN, SEMION 2,988,025
KRIZMAN, DAVID B. 2,824,752
KROHN, CHRISTINE E. 2,913,496
KRYLOV, VLADIMIR G. 2,785,708
KSB SE & CO. KGAA 2,833,193
KUDO, YASUTAKA 2,950,399
KUELKER, THOMAS JOSEPH 2,798,094
KUHMANN, KARL 2,776,062
KULKARNI, SANDEEP D. 2,923,012
KULKARNI, SHIRISHKUMAR 2,832,436
KUMADA, AKIKO 2,856,201
KUNETZ, CHRISTINE FRANCES 2,819,337
KUNTE, DHANANJAY 2,827,503
KURARAY NORITAKE DENTAL INC. 2,950,398
KURARAY NORITAKE DENTAL INC. 2,950,399
KUSTER, HANS L. 2,935,949
KWEEDER, JAMES A. 2,816,677
KWON, SEUNG BUM 2,805,231
KYRIAZOPOULOS, ATHANASIOS 2,749,471
KYUNGDONG NAVIEN CO., LTD. 2,894,527
L'UNIVERSITE DE PROVENCE 2,671,652
LA-Z-BOY INCORPORATED 2,857,617
LABRADOR, CHRISTOPHER 2,837,235
LACHER, PATRICK P. 2,804,017
LADET, SEBASTIEN 2,698,638
LAHAIE, DENIS 2,759,668
LAI, WEI-XIAN 2,945,373
LAI, WENYIH FRANK 2,855,875
LAKES, STEPHEN C. 2,779,346
LALANNE, BERNARD 2,806,661
LALEU, BENOIT 2,737,894
LALEU, BENOIT 2,770,278
LAM, HEUNG CHUAN 2,682,758
LAM, MICKEY 2,979,877
LAMAR, CHAD 2,844,755
LAMONTAGNE, FREDERIC 2,927,821
LANCE, PETER 2,927,639
LANCIAULT, FRANCOIS-NICOLAS 2,972,285
LANDMARK GRAPHICS CORPORATION 2,922,076
LANDMARK GRAPHICS CORPORATION 2,925,857
LANG, LESLIE L. 2,828,242
LANGE, GUSTAV EDWARD 2,928,917
LANGER, ROBERT 2,706,341
LANZATECH NEW ZEALAND LIMITED 2,965,368
LAPOINTE, LARRY P. 2,857,617
LAREDO, WALTER R. 2,794,726
LARGO, MARC 2,936,199
LARSON, CRAIG ALAN 2,807,479
LASSINI, STEFANO A.M. 2,927,517
LATREILLE, DANIEL 2,744,355
LAU, WILLIAM 2,902,771
LAURENTIAN UNIVERSITY 2,698,152
LAVELLE INDUSTRIES, INC. 2,910,944
LAVERGNE, DAMIEN 2,799,101
LAXTON, PETER 2,939,109
LCC 2015 APS 2,921,803
LEACH, CHRIS 2,724,911
LEAL, JORGE ESTEBAN 2,934,364
LEBKUCHNER, BENNO 2,935,949
LECLERCQ, LAURENT 2,693,912
LEDERMANN, CHRISTIAN 2,869,410
LEE, BEOM SEOK 2,820,181
LEE, CHOOI TIAN 2,834,835
LEE, JESSE 2,762,922
LEE, KYE-YUNE 2,820,198
LEE, RYAN 2,819,683
LEE, TAE-WOONG 2,820,198
LEHRER, SCOTT E. 2,906,972
LEITERITZ, NATHAN GERALD 2,831,285
LEMAIRE, RAPHAEL 2,890,282
LENOIR, BRICE 2,831,214
LESAGE, CLAUDE 2,859,511
LESAGE, JEAN-CLAUDE 2,859,511
LEUNG, BRADEN 2,790,419
LEWIS, MARK ANTHONY 2,911,168
LEXI PHARMA INC. 2,794,581
LI, BIQIN C. 2,727,032
LI, KENNETH I. 2,597,782
LI, MEI 2,800,125
LI, XIAOXU 2,934,364
LI, YU 2,939,109
LIAO, JIAWEI 2,865,523
LIAO, WEI-LI 2,824,752
LIAO, YEN 2,803,149
LIEBHERR-MINING EQUIPMENT COMPANY 2,768,919
LIFESCAN SCOTLAND LIMITED 2,724,911
LIFFRING, MARK E. 2,859,807
LIN, AVI 2,934,902
LIN, CHENLUNG 2,874,258
LIN, CHIA-CHI 2,929,885
LIN, JING-JYR 2,929,885
LINDENBAUM, MICHAEL 2,738,575
LISI, MARCO 2,976,497
LITTLEJOHN, MATTHEW HAL 2,913,536
LIU, BEYANG 2,846,417
LIU, KE 2,741,169
LIU, LEI 2,800,125
LIU, RENMAO 2,880,448
LIU, TINGTING 2,918,096
LIU, WEN-JIE 2,859,417
LO, SHUN-NAN 2,840,682
LO, YUK MING DENNIS 2,865,523
LO, YUK-MING DENNIS 2,900,927
LOEFFLER, RANDY JACK 2,908,351
LOESCHER, THOMAS C. 2,760,897
LOFTON-DAY, CATHERINE 2,649,777
LOHWASSER, MARKUS 2,898,005
LONG, SCOTT 2,913,570
LU, JIANYE 2,800,831
LUCQUIN, ANNE CLAIRE 2,890,282
LUMINEX CORPORATION 2,803,607
LUMMUS TECHNOLOGY INC. 2,896,247
LUNDBERG, PAMELA 2,762,581
LUNDELL, ROBERT J. 2,788,257
LUPIN LIMITED 2,832,436
LURTON, N. EVAN 2,859,807
LUTZ, PATRIK 2,879,334
MADASU, SRINATH 2,934,902
MAGER, JENNIFER RAE 2,777,941
MAGLIOLA, CORINNE 2,725,765
MAHABALESHWARA, ARAVINDA 2,927,634
MAHENDRAN, ARUNGUNDRAM C. 2,830,241
MAINAUD, BASTIEN 2,869,153
MAKRO LABELLING S.R.L. 2,820,454
MALKAN, SANJIV R. 2,803,145
MALLINCKRODT PHARMA IP TRADING D.A.C. 2,785,595
MANAHAN, JOSEPH MICHAEL 2,820,306
MANCHO, JOSE 2,798,694
MANGANELLI, FAUSTO 2,798,226
MANI, MEHDI 2,869,153
MANICKE, PAUL STEPHEN 2,726,178
MANN+HUMMEL PUROLATOR FILTERS LLC 2,762,202
MANNEBACH, GERD 2,967,719
MANSFIELD, WILLIAM M. 2,896,581
MANSSEN, KEITH R. 2,797,074

MANTYLA, JAMES BRIAN 2,769,800
MANWARING, MICHAEL 2,790,419
MARCANTONI, SIMONE 2,820,454
MARCZINKE, BERND LOTHAR 2,967,719
MARGARITIS, DEMETRIOS ARGYRIOS 2,794,231
MARI, BERNARD 2,744,355
MARICI, PAUL PAIA 2,924,534
MARILLIA, ELIZABETH-FRANCE 2,738,575
MARINELLI, EUGENE 2,846,417
MARISSEN, ROELOF 2,795,894
MARK, JOSEPH L. 2,844,755
MARTINETZ, THOMAS 2,858,398
MARTYN, GLEN 2,785,595
MARUO, TSUYOSHI 2,911,132
MARUSKO, MARK 2,749,494
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,706,341
MATCHUNG, JOHN BRADLEY 2,953,837
MATEOS-CARO, JULIA 2,802,161
MATSUDA, TAKAHARU 2,945,745
MATSUNAGA, ARIHIRO 2,863,198
MATSUOKA, KAZUYA 2,994,062
MATSUURA MACHINERY CORPORATION 2,894,248
MATSUURA MACHINERY CORPORATION 2,973,456
MATSUZAKI, YUICHI 2,807,631
MATT, GUNTER G. 2,804,017
MAVRIDIS, HARILAOS 2,967,719
MAVROUDIS, NIKOLAOS 2,798,113
MAZUMDER, M. A. JAFAR 2,737,978
MCALPINE & CO LIMITED 2,786,552
MCALPINE, JAMES EDWARD 2,786,552
MCALPINE, JAMES KENNETH 2,786,552
MCANALLY, CRAIG B. 2,896,581
MCCABE, MICHAEL A. 2,908,351
MCCANN, STEPHEN 2,848,754
MCCARRON, ANDREW KELLER 2,850,816
MCCORMICK & COMPANY, INCORPORATED 2,872,063
MCCOURT, MARK J. 2,811,483
MCCOY, WILLIAM G. 2,825,776
MCCRAW, GARRY 2,953,993
MCDANIEL, CATO RUSSELL 2,903,603
MCFADYEN, STEPHEN 2,902,771
MCKEE, JIM 2,753,774
MCKEOWN, MARGARET 2,847,753
MCMASTER UNIVERSITY 2,737,978
MCMASTER UNIVERSITY 2,810,938
MCMASTER UNIVERSITY 2,810,945
MCNEIL-PPC, INC. 2,807,319
MCNULTY, BRIAN 2,729,294
MEDICAL COMPONENTS, INC. 2,768,479
MEDOFF, MARSHALL 2,948,688
MEGA PATENT EXPLOITATION GMBH 2,762,178
MEIER, ALAIN 2,761,123
MEIER, GERHARDUS 2,967,719
MEIER, MARK A. 2,832,723
MEISTER, PETER C. 2,927,634
MERCURY SYSTEMS, INC. 2,926,939
MESARD, WAYNE 2,801,573
METHRAL, CASEY J. 2,828,242
METZGER, MARK C. 2,788,420
MEVELLEC, VINCENT 2,728,498
MEZIANE, OUSSAMA 2,744,355
MICHAELS, JONATHAN 2,791,937
MICHIELS, ROBRECHT 2,803,149
MICLAU-S.R.I. INC. 2,859,511
MICRO MOTION, INC. 2,896,581
MICROBIAL CHEMISTRY RESEARCH FOUNDATION 2,693,801
MICRON FRESAR S.R.L. 2,724,473
MICROSOFT TECHNOLOGY LICENSING, LLC 2,786,626
MICROSOFT TECHNOLOGY LICENSING, LLC 2,793,539
MICROSOFT TECHNOLOGY LICENSING, LLC 2,800,831
MIDPOINT INTERNATIONAL INC. 2,819,188
MILHORN, JOSEPH J. 2,912,905
MILLER, LANCE F. 2,749,471
MILLS, KAREN L. 2,915,260
MILLS, LEANNE 2,724,911
MILLS, RYAN CHRISTOPHER 2,913,536
MINCON INTERNATIONAL 2,814,141
MIONO, TADAAKI 2,919,617
MIOSSEC, PATRICK 2,809,321
MIRGUET, OLIVIER 2,779,423
MITCHELL, ROBERT 2,925,857
MITSUBISHI ELECTRIC CORPORATION 2,864,948
MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V. 2,864,948
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,871,098
MIZOGUCHI, HIROAKI 2,969,927
MIZUTANI, TADAHIRO 2,932,434
MOFFAT, JAMES 2,724,911
MOGENSEN, ERLING KRISTEN 2,921,803
MOHAMMADI, FATEMEH 2,956,219
MOLLING, HARRY 2,767,499
MONBEL, STEPHANE 2,711,944
MONDIERE, REGIS 2,802,161
MONIOTTE, PHILIPPE GERARD 2,818,957
MONTEMURRO, MICHAEL PETER 2,848,754
MONTGOMERY, KEVIN 2,872,063
MOORE, MARK 2,941,585
MORAN, MICHAEL 2,889,683
MOREAU, JEAN 2,798,694
MORIMIYA, NAOYUKI 2,979,641
MORYTKO, MICHAEL J. 2,727,032
MOSKOVICH, ROBERT 2,868,769
MOTOROLA SOLUTIONS, INC. 2,956,595
MROZINSKI, BRENT 2,804,011
MUELLER, ALEXANDER 2,958,945
MUELLER, JAN 2,704,247
MUIR, ROD 2,819,188
MUKHERJEE, UJJAL K. 2,896,247
MULLER, FRANK 2,848,072
MULLER, GEORGE W. 2,957,226
MULLER, PATRICK 2,867,763
MULLINS, TORRIN 2,819,188
MULTRUS, MARKUS 2,927,990
MULYK, PAUL 2,798,196
MURPHREE, ZACHARY R. 2,941,709
MURRAY, MARTHA M. 2,664,866
MURUGANATHAN, SIVA DHARSHAN 2,902,445
MUSCO CORPORATION 2,912,148
MYERS, RUSSELL ROY 2,837,842
NADA, MITSUHIRO 2,911,132
NAGEL, DALE WARREN 2,707,171
NAKAI, OSAMU 2,977,602
NAKAJIMA, SHIGERU 2,997,236
NAKATANI, MASARU 2,766,250
NAKAYACHI, KATSUSHI 2,945,745
NANDAGIRI, ARUN 2,794,919
NANRI, MASATO 2,914,147
NAPHAD, SACHIN SUHAS 2,751,721
NAPO PHARMACEUTICALS, INC. 2,868,990
NATILI, THOMAS E. 2,825,459
NATIONAL OILWELL VARCO, L.P. 2,953,993
NATIONAL RESEARCH COUNCIL OF CANADA 2,689,557
NEAL, PETER BURLEY 2,988,744
NEC CORPORATION 2,863,198
NEERVOORT, SVEN 2,966,414
NEKTARIOS IOANNIDIS 2,794,231
NELIS, MISCHA 2,795,894
NEOFOCAL SYSTEMS, INC. 2,779,962
NEOLIX 2,811,808
NESTEC S.A. 2,725,765
NESTEC S.A. 2,761,123
NESTEC S.A. 2,771,262
NESTEC S.A. 2,774,914
NESTEC S.A. 2,777,941
NESTEC S.A. 2,798,694
NESTEC S.A. 2,819,337
NETSWEEPER (BARBADOS) INC. 2,767,529
NETTLETON, ERIC 2,760,725
NEUGEBAUER, BERNHARD 2,898,005
NEUSINGER, MATTHIAS 2,898,005
NEUSINGER, MATTHIAS 2,928,882
NEW YORK AIR BRAKE LLC 2,999,836
NEW YORK AIR BRAKE LLC 2,999,837
NGUYEN, HUNG 2,803,149
NGUYEN, MINH DANG 2,952,207
NGUYEN, MYKIM 2,803,149
NICHIHA CORPORATION 2,884,614
NICO INCORPARATION 2,844,755
NIELSEN, FINN 2,923,790
NIEN MADE ENTERPRISE CO., LTD. 2,955,035
NIEN MADE ENTERPRISE CO.,LTD. 2,955,182
NIEN, KENG-HAO 2,955,035
NIEN, KENG-HAO 2,955,182
NILSSON, ULF 2,792,989

NIPPON STEEL & SUMITOMO METAL CORPORATION 2,836,257
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,945,745
NISHIDA, HIDETAKA 2,939,466
NISSAN MOTOR CO., LTD. 2,979,641
NISSAN MOTOR CO., LTD. 2,990,141
NISSAN MOTOR CO., LTD. 2,990,708
NISSAN MOTOR CO., LTD. 2,992,534
NISSAN MOTOR CO., LTD. 2,994,062
NISSAN MOTOR CO., LTD. 2,997,236
NISSHIN STEEL CO., LTD. 2,919,617
NIVAGGIOLI, THIERRY 2,598,512
NIXON, BRIAN GREGORY 2,970,951
NOGAWA, SHINICHIRO 2,969,927
NOGUCHI, KAZUHARU 2,914,147
NOJIRI, YAMATO 2,950,398
NOJIRI, YAMATO 2,950,399
NORDEN, MARTIN 2,973,135
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,925,868
NORTHSHORE UNIVERSITY HEALTHSYSTEM 2,827,503
NORTHWESTERN UNIVERSITY 2,827,503
NOVA CHEMICALS CORPORATION 2,707,171
NOVAK, ROBERT 2,834,801
NOVARTIS AG 2,794,726
NOVARTIS AG 2,924,245
NTT DOCOMO, INC. 2,886,799
NUNN, ROB 2,905,834
OBAGI, ZEIN E. 2,975,115
OGAWA, TOMOHIRO 2,911,132
OGDEN, DAVID 2,801,807
OH, SE WON 2,805,231
OHARA, GO 2,977,602
OHATA, JEANETTE N. 2,834,740
OHATA, MICHAEL L. 2,834,740
OHRI, RACHIT 2,762,228
OHTA, YOSHIAKI 2,982,693
OILES CORPORATION 2,808,711
OKAMOTO, KAZUHIKO 2,990,708
OKAMOTO, NAOKI 2,979,641
OKIMURA, AKIHIKO 2,808,711
OKONIEWSKA, MONIKA 2,895,143
OLDCASTLE APG, INC. 2,788,257
OLESON, RICHARD A. 2,756,303
OLIEHOEK, LEANDRO 2,798,113
OLOFSSON RANTA, CHRISTER 2,909,185
OLSEN, ANN-MARIE 2,896,247
OLSON, KURT G. 2,903,497
OPKO HEALTH, INC. 2,781,923
OPKO IRELAND GLOBAL HOLDINGS, LTD. 2,977,001
OPTISCAN BIOMEDICAL CORPORATION 2,597,782
ORATEL DIAGNOSTICS, LLC 2,808,651
ORBITAL ATK, INC. 2,828,968
ORCHARD, MIKE 2,737,894
OSSWALD, FLORIAN 2,947,170
OTTO, CHRISTIANE 2,783,513
OTTS, DANIEL B. 2,830,983
OUERFELLI, OUATHEK 2,875,767
OUSE, DAVID G. 2,800,125
OVERFIELD, SARAH KATHLEEN 2,896,635
OXUS RECOVERY SOLUTIONS INC. 2,798,094
OYA, SHUN 2,932,434
PADALUMA INK-JET-SOLUTIONS GMBH & CO. KG 2,879,334
PAGE, EDOUARD 2,895,143
PAGE, PATRICK 2,737,894
PAGE, PATRICK 2,770,278
PAHNKE, JENS 2,870,626
PALANTIR TECHNOLOGIES, INC. 2,846,417
PALASHEWSKI, WADE DANIEL 2,905,834
PALL CORPORATION 2,886,291
PALMA, HENRY A. 2,880,736
PANTHER, ALEX 2,902,771
PARATA SYSTEMS, LLC 2,850,816
PARISSENTI, AMADEO MARK 2,698,152
PARK, AMY SUE 2,908,123
PARK, IN KYU 2,966,856
PARK, JUN KYU 2,894,527
PARKINSON, RICHARD ALAN 2,769,800
PASTORAL GREENHOUSE GAS RESEARCH LTD 2,700,162
PATARIN, JOEL 2,820,708
PATOUREAUX, MARC 2,762,165
PATTON, PAUL 2,846,169
PAUCHET, DAVID 2,762,165
PAUL REED SMITH GUITARS LIMITED PARTNERSHIP 2,743,613
PEACOCK, LAWRENCE ALAN 2,890,756
PERALTA, DAVID 2,820,708
PERBANDT, CHRISTIAN 2,800,829
PERI, ANDREA 2,930,976
PERI, ANDREA 2,930,981
PERNOT, JACQUES 2,811,808
PERSON, GEORG 2,842,986
PETERSON, MATTHEW 2,922,818
PETING, MARK 2,779,962
PETIT, MORGANE 2,801,807
PETKOVICH, P. MARTIN 2,977,001
PEUTERT, CHANCE 2,913,570
PHILIPS LIGHTING HOLDING B.V. 2,771,979
PIBAROT, PATRICK 2,771,262
PICHLER, ARTHUR 3,003,108
PILLAI, SASI 2,762,277
PINTAT, LUDOVIC 2,747,278
PIRNGRUBER, GERHARD 2,820,708
PIRON, CAMERON 2,902,771
PIRON, CAMERON ANTHONY 2,959,232
PITCHELL, MICHAEL 2,926,939
PLACEK, CASEY 2,961,153
PLASTIPAK PACKAGING, INC. 2,804,011
PLECHA, STANISLAW 2,864,815
PLETT, DELMER 2,924,898
PLETT, DELMER 2,930,841
PLOTNIKOV, ALEXANDRE 2,828,042
PLUM, LORI A. 2,824,870
PLUMPTON, JAMES OSBORNE 2,896,635
POPA, DANIEL 2,869,153
POPOV, ARKADI 2,801,573
POURAHMADI, VAHID 2,902,445
POURING, ANDREW A. 2,898,646
PPG INDUSTRIES OHIO, INC. 2,903,497
PRATT & WHITNEY CANADA CORP. 2,927,639
PRESSWOOD, RONALD G. 2,796,066
PRESSWOOD, RONALD G., JR. 2,796,066
PRETTI, JENNIFER ANNE 2,815,027
PRIM, BILLY D. 2,695,174
PRIMO WATER OPERATIONS, INC. 2,695,174
PRINOTH S.P.A. 2,704,247
PRYSMIAN S.P.A. 2,783,730
PUGH, RANDALL B. 2,830,983
PULLAGURLA, MANIK REDDY 2,857,014
PURCELL, JOSEPH 2,814,141
PURKAYASTHA, SUBHASISH 2,762,277
QIN, HAIHU 2,764,436
QIN, KUIDE 2,800,125
QU, LISA 2,956,219
QUADRI, ARSHAD 2,803,149
QUALCOMM INCORPORATED 2,830,241
QUALCOMM INCORPORATED 2,867,024
QUALCOMM INCORPORATED 2,896,814
QUANTA ASSOCIATES, L.P. 2,737,561
QUESSARD, ROLAND 2,815,187
QUESSARD, ROLAND 2,815,961
RACENET, DAVID C. 2,749,709
RADI, RICHARD J. 2,506,555
RAETZMAN, RYAN 2,913,570
RAFFERTY, CHRISTOPHER CHARLES 2,797,207
RAGER, TIMO 2,693,801
RAGHAVAN, SHASHWATH BINDINGANAVELI 2,990,849
RAJENDRAN, VIVEK 2,896,814
RAKIEWICZ, EDWARD F. 2,903,497
RAKSI, FERENC 2,769,106
RAKSI, FERENC 2,788,219
RAKUTT, DIETMAR 2,867,971
RAMACHANDRAN, SUNDER 2,906,972
RAMSAY, TRAVIS ST. GEORGE 2,922,076
RANGISETTY, JAGADEESH BABU 2,857,014
RANJEVA, JEAN-MICHEL 2,922,471
RAO, DEEPAK 2,793,539
RAO, VAIDYAM DEEPTI 2,762,581
RASH, SAMUEL 2,897,338
RASMUSSEN, HENRIK 2,908,123
RASZGA, CALIN 2,826,306
RATTIN, OLIVIER 2,872,063
RATZ, BRENT J. 2,803,149
RAUSCH, MARKO 2,926,715
RAUX, MATHIEU 2,806,710
REDDY ICE CORPORATION 2,788,420
REDEKOPP, DANIEL T. 2,788,102
REID, NATHAN 2,859,417

RESTLE, CHRISTIAN 2,947,170
REYNES, JACQUES 2,744,355
RHEE, WONJONG 2,879,047
RIALL, JAMES DANIEL 2,830,983
RICERFARMA S.R.L. 2,819,307
RICHARDSON, GEORGE DAVID 2,988,025
RICHMOND, JOSHUA 2,902,771
RILEY, JASON DAVID RICHARD 2,930,756
RMV TRADEMARKS, LLC 2,794,919
ROACH, PERRY J. 2,767,529
ROAR CONSULTANTS 2,888,104
ROCHAT, FLORENCE 2,777,941
ROCKS, SALLY 2,971,352
RODENBECK, ROBERT W. 2,846,169
RODERT, JOERGEN 2,767,085
RODGERS, JAMES IAIN 2,724,911
ROE, DONALD CARROLL 2,894,246
ROESSLE, CLAUDIA 2,777,941
ROGER, OLIVIER 2,819,337
RONK, WARREN ROSAL 2,726,178
ROONEY, MICHAEL 2,868,769
ROQUES, JEAN-MARC 2,831,214
ROSATI, RODRIGO 2,894,246
ROSEMOUNT INC. 2,923,547
ROSENZWEIG, LARRY STEVEN 2,883,818
ROTH, BRYAN 2,788,416
ROTH, WAYNE DENNIS 2,803,607
ROTTIER TUNEU, SERGIO 2,854,444
ROUGHEAD, ZAMZAM FARIBA 2,777,941
ROURE, FREDERIC 2,829,251
ROUSSEAU, JULIEN 2,890,282
ROUTH, PARTHA S. 2,913,496
ROUTIER, PASCAL 2,747,278
ROY, HEMANT 2,827,503
ROY, LEIF ROBERT JOHN 2,837,141
RS DRAWINGS, LLC 2,764,569
RUBINSZTAJN, SLAWOMIR 2,913,536
RUCHELMAN, ALEXANDER L. 2,957,226
RUELLAN, VIANNEY JM 2,804,474
RULE, PETER 2,597,782
RUSCICA, BRIGITTE 2,752,811
RUTLEDGE, MARK 2,984,083
SA COMET TRAITEMENTS 2,818,957
SAAD, EMAD 2,936,385
SABIC SK NEXLENE COMPANY PTE. LTD. 2,805,231
SABINS, FRED 2,934,364
SABOE, DENNIS 2,625,052
SAGAE, YUTA 2,886,799
SAHA, UTTAM 2,977,001
SAITO, NOZOMI 2,871,098
SAITO, TSUNEO 2,979,641
SAKAKIBARA, FUKUMITSU 2,914,147
SAKAMOTO, HITOSHI 2,863,198
SALIARIS, DANIEL P. 2,955,038
SALISBURY, NICKOLAS G. 2,737,561
SALOMON S.A.S. 2,722,088
SALOMONSSON, DANIEL 2,791,372
SAMBASIVAM, MAHESH 2,766,120
SAMPSON, KIMBERLY S. 2,729,294
SAMSUNG ELECTRONICS CO., LTD. 2,820,181
SAMSUNG ELECTRONICS CO., LTD. 2,840,067
SANBIO, INC. 2,872,188
SANDERS, PAUL W. 2,795,400
SANDOZ AG 3,003,108
SANFORD, KEVIN 2,768,479
SANGAMO THERAPEUTICS, INC. 2,745,031
SANOFI 2,802,161
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,809,321
SARDEHELI, YOMTOV 2,983,676
SARRAFI-NOUR, REZA 2,883,818
SATO, NOBUHIKO 2,766,250
SAWADA, KOJI 2,884,614
SAXER, ULRICH 2,804,474
SAZAWA, MAKOTO 2,911,741
SCA HYGIENE PRODUCTS AB 2,909,185
SCHAARSCHMIDT, PETER 2,856,627
SCHAFFER-LEQUART, CHRISTELLE 2,819,337
SCHAFFNER, LOWELL W. 2,859,807
SCHELLSCHMIDT, MARTIN 2,865,552
SCHERER, RONALD J. 2,788,257
SCHEUING, DAVID R. 2,790,683
SCHIBULL, DIRK 2,778,380
SCHINTLER, MICHAEL 2,762,178
SCHIOLER, THOMAS 2,734,478
SCHLEICHER, GARY P. 2,858,197
SCHLENK, CHRISTOPHER 2,714,260
SCHLIESSER, GERHARD 2,947,170
SCHLUETER, DAVID M. 2,797,074
SCHLUMBERGER CANADA LIMITED 2,762,922
SCHMIDT, HEIKO 2,921,084
SCHMIDT, KONSTANTIN 2,928,882
SCHMIDT, STEPHEN 2,801,573
SCHMITT, HARALD 2,763,949
SCHMITT, URBAN 2,856,627
SCHMITZ, EGON 2,848,072
SCHNEIDER, CHRISTOPHER MICHAEL 2,869,892
SCHNEIDER, DEAN 2,938,432
SCHNELL, MARKUS 2,927,990
SCHNELL, URBAN 2,803,128
SCHOENBRUNNER, NANCY 2,888,152
SCHOLZ, CHRISTIAN 2,856,627
SCHREINER, STEPHAN 2,898,005
SCHROEDER, ULRICH 2,773,835
SCHUBERT, BENJAMIN 2,927,990
SCHUETZLE, DENNIS 2,948,235
SCHUETZLE, ROBERT 2,948,235
SCHULLER, ULF 2,967,719
SCHUTZ, ROBERT FLORIAN 2,932,115
SCHWANDT, SHELDON TERRY 2,759,668
SCHWARZ, FRANZ XAVER 3,003,108
SCHWEFER, MEINHARD 2,800,829
SCIRICA, PAUL 2,749,709
SCORRANO, LUCIO 2,761,123
SCOTT, ANTHONY DAVID 2,799,858
SEDDON, DANE T. 2,942,277
SEIKO EPSON CORPORATION 2,932,434
SEILER, THEO 2,924,245
SEKAB E-TECHNOLOGY AB 2,811,681
SELA, GAL 2,902,771
SELDEN, RICHARD F. 2,682,758
SELECT COMFORT RETAIL CORPORATION 2,905,834
SENER, ALEXANDER MARTIN 2,928,982
SENVION SE 2,871,370
SEPTIMATECH GROUP INC. 2,756,784
SERKH, ALEXANDER 2,938,432
SERRE, JEAN-EMMANUEL 2,798,694
SERVICES AUTOMOBILES GRANTUNED INC. 2,972,285
SESSLER, JON 2,893,390
SESSLER, MICHAEL 2,893,390
SEVERANCE, WAYNE STANLEY 2,930,551
SFORZA, ERNEST A. 2,848,435
SHAK, STEVE 2,829,472
SHALEV, ALON 2,961,767
SHANDER, MARK S. 2,859,807
SHANG, ZHENHUA 2,918,096
SHANMUGARATNAM, NISHANTHAN 2,902,771
SHAO, ZHENG 2,897,338
SHARP KABUSHIKI KAISHA 2,878,735
SHARP KABUSHIKI KAISHA 2,880,448
SHAW, BENJAMIN MILTON 2,707,171
SHAW, JOHN 2,812,492
SHAW, RYAN J. 2,914,400
SHEA, MAUREEN LOUISE 2,936,199
SHEARDOWN, HEATHER 2,737,978
SHESHBARADARAN, HOOSHMAND 2,794,581
SHETTY, DINESH ANANDA 2,934,902
SHIBUYA, YU 2,943,761
SHIM, CHOON SIK 2,805,231
SHIMIZU, TAKESHI 2,919,617
SHIMOMURA, TSUTOMU 2,779,962
SHIN, DAE HO 2,805,231
SHIN-ETSU CHEMICAL CO., LTD. 2,956,219
SHINDGIKAR, NIKHIL 2,762,922
SHINOZAKI, YOSHINORI 2,911,741
SHIRVINSKI, JAMES 2,725,064
SHOUJIGUCHI, AKIRA 2,863,198
SIBILSKA, IZABELA 2,824,870
SICARD, CECILE 2,801,807
SICINSKI, RAFAL R. 2,824,870
SICO INCORPORATED 2,802,473
SIEBERT, RALF 2,790,149
SIEFERT, ROLF 2,800,829
SIEMENS AKTIENGESELLSCHAFT 2,973,759
SIG TECHNOLOGY AG 2,778,380
SIGMA-ALDRICH CO. LLC 2,745,031
SILVESTRE, LOUISE 2,809,321
SIMILOWSKI, THOMAS 2,806,710
SIMON-MASSERON, ANGELIQUE 2,820,708
SINGH, HARVINDER 2,800,831
SINGH, VINAY KUMAR 2,930,756

SIPKA INC. 2,788,642
SIROIS, MIKE 2,819,188
SIVAN, URI 2,770,270
SK CHEMICALS CO., LTD. 2,820,198
SKF MAGNETIC MECHATRONICS 2,773,835
SLAY, FREDERICK M. 2,743,613
SLEEP NUMBER CORPORATION 2,905,834
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 2,875,767
SLOBBE, CHRISTIANUS WILFRED MICHAEL 2,796,498
SMEDBERG, ANNIKA 2,792,989
SMITH, ALEXANDER D. 2,983,497
SMITH, JACK W.(DECEASED) 2,743,613
SMITH, JORDAN D. 2,910,944
SMITH, MICHAEL P. 2,979,877
SMITH, NICHOLAS D. 2,875,767
SMITH, PAUL REED 2,743,613
SMITH, WAYNE E. 2,797,074
SMYTH, CAMERON 2,880,736
SNECMA 2,747,278
SOAVE, RONALD J. 2,749,471
SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES 2,804,474
SOFRADIM PRODUCTION 2,698,638
SOFTBANK ROBOTICS EUROPE 2,951,060
SOLER-ROIG DUALDE, ALEJO 2,854,444
SOLODOVNIK, EUGENE 2,859,807
SONEX RESEARCH, INC. 2,898,646
SONG, YI 2,902,445
SORRENTINO, ALAN 2,868,769
SOUCHET, LUCAS 2,951,060
SOUDHAM, VENKATA PRABHAKAR 2,811,681
SOUTHWIRE COMPANY, LLC 2,741,159
SPACE S.R.L. CON UNICO SOCIO 2,798,226
SPEARS, JOHN H. 2,797,074
SPECGX LLC 2,738,250
SPHENIC TECHNOLOGIES INC. 2,828,042
SPINDLER, EDWARD C., JR. 2,889,584
SPRAY, JEFFREY L. 2,797,850
SPRINGER, JOSHUA 2,787,503
SPRINGER, PEER 2,833,193
SPRONK, DESIREE BIANCA 2,764,444
SPRUNCK, STEFANIE 2,638,767
STANFILL, CRAIG W. 2,801,573
STATOIL ASA 2,804,854
STAUB, EUGEN 2,973,759
STEELE, DAVID J. 2,922,471
STEELE, DAVID JOE 2,921,495
STEWART, KENT D. 2,727,032
STOFFEL, NEAL J. 2,961,153
STOWE WOODWARD LICENSCO, LLC 2,865,253
STREETS, PHIL 2,819,188
STREI, DAVID MATTHEW 2,923,547
STUSYNSKI, STACY 2,905,834
SU, CHENG 2,841,019
SUBRAMANIAN, HARIHARAN 2,827,503
SUBRAMANIAN, RAMACHANDRAN 2,830,241
SUH, WILLIAM DONGWOOK 2,932,153
SUHR, DOMINIQUE 2,728,498
SUMITOMO CHEMICAL COMPANY, LIMITED 2,807,631
SUMITOMO CHEMICAL COMPANY, LIMITED 2,813,715
SUMITOMO METAL MINING CO., LTD. 2,977,602
SUN, FRANK C. 2,757,999
SUN, XUEWEN 2,920,054
SUNBEAM PRODUCTS, INC. 2,825,776
SUNTHARALINGAM, PIRANAVAN 2,810,938
SUNTHARALINGAM, PIRANAVAN 2,810,945
SUVER, PAUL W. 2,914,469
SUZUKI, HIROYUKI 2,911,132
SUZUKI, MITSURU 2,919,617
SVENNEBRING, ANDREAS 2,788,416
SWANSON, JULIE ANN 2,777,941
SYMANTEC CORPORATION 2,868,766
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,902,771
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,959,232
TA, DUY-AN 2,972,285
TAGG, JOHN ROBERT 2,602,108
TAIHO PHARMACEUTICAL CO., LTD. 2,914,147
TAKAHASHI, EIJI 2,990,708
TAKAHASHI, EIJI 2,992,534
TAKAHASHI, HIDEAKI 2,886,799
TAKAMIZAWA, KAZUTOSHI 2,945,745
TAKEDA, KAZUAKI 2,886,799
TAKEI, MITSURU 2,950,398
TAKEI, MITSURU 2,950,399
TAKIZAWA, KAZUHIRO 2,945,745
TAN, EUGENE 2,682,758
TAN, LEI 2,793,539
TAN, YING HOOI 2,956,595
TANAKA, SOICHI 2,813,715
TANAKA, YOSHINORI 2,982,693
TANG, YAXUN 2,947,847
TANK, HOLGER 2,800,125
TANNAS, LAWRENCE E., JR. 2,799,026
TARAZI, KAMAL 2,908,123
TARDIEU, PHILIPPE 2,968,052
TCHENG, CHRISTOPHE 2,711,944
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD. 2,770,270
TEHRANI, ARDAVAN MALEKI 2,879,047
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,757,908
TEMBLADOR, RICHARD 2,741,159
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,864,923
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,931,698
TENG, PINGHUA 2,841,019
TERRY, STEPHEN E. 2,483,595
TERRY, STEPHEN E. 2,855,844
TESKY, JAMES EDWIN 2,769,800
THALES 2,671,652
THANGARAJ, JOHN APPADURAI 2,788,642
THD S.P.A. 2,768,921
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,768,466
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,788,416
THE BOEING COMPANY 2,859,807
THE BOEING COMPANY 2,876,170
THE BOEING COMPANY 2,888,426
THE BOEING COMPANY 2,936,385
THE CHARLES STARK DRAPER LABORATORY, INC. 2,706,341
THE CHINESE UNIVERSITY OF HONG KONG 2,865,523
THE CHINESE UNIVERSITY OF HONG KONG 2,900,927
THE CHUGOKU ELECTRIC POWER CO., INC. 2,939,466
THE CLOROX COMPANY 2,790,683
THE ESAB GROUP, INC. 2,930,551
THE ISLAND RADAR COMPANY 2,776,192
THE LUBRIZOL CORPORATION 2,764,436
THE MOSAIC COMPANY 2,890,756
THE PROCTER & GAMBLE COMPANY 2,894,246
THE PROCTER & GAMBLE COMPANY 2,930,976
THE PROCTER & GAMBLE COMPANY 2,930,981
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,915,124
THE UAB RESEARCH FOUNDATION 2,795,400
THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS 2,795,400
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2,788,416
THE UNIVERSITY OF QUEENSLAND 2,797,659
THE UNIVERSITY OF SYDNEY 2,760,725
THE UNIVERSITY OF TOKYO 2,856,201

THELANDER, PER 2,814,317
THERIAULT, TIMOTHY JOHN 2,927,517
THERMOPLAY S.P.A. 2,805,246
THOMAS & BETTS INTERNATIONAL LLC 2,904,906
THOMAS, KURT J. 2,914,400
THOMAS, MONROE M. 2,902,771
THOMAS, TERRANCE L. 2,859,807
THOMSEN, STEEN JUUL 2,921,803
THOMSON LICENSING 2,750,341
THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY 2,807,479
THORLEY, CRAIG STEPHEN 2,797,207
THRASHER, JEFFREY W. 2,819,188
THYGARAJAN, KALATHI 2,803,149
THYPARAMBIL, SHEENO 2,824,752
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 2,890,282
THYSSENKRUPP STEEL EUROPE AG 2,973,135
THYSSENKRUPP UHDE GMBH 2,800,829
TILLEMAN, MICHAEL M. 2,785,708
TILSTRA, MATTHEW WAYNE 2,905,834
TIMKEN, HYE KYUNG 2,819,152
TIMM, FABIAN 2,858,398
TINAPHONG, PRAPAN PAUL 2,860,542
TISSLER, ARNO 2,867,763
TITANIUM METALS CORPORATION 2,839,303
TOGNALI, STEPHANE 2,783,730
TOKUMO, YASUAKI 2,878,735
TOMKIEWICZ, GREGORY J. 2,763,298
TOMSO, DANIEL J. 2,729,294
TONER, ADAM 2,830,983
TONMUKAYAKUL, NARONGSAK 2,908,351
TORII, NAOYUKI 2,979,641
TORRES MUNOZ, JORDI MIQUEL 2,954,575
TORRES SERVICIOS TECNICOS, S.L. 2,954,575
TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION 2,856,201
TOTAL RAFFINAGE CHIMIE 2,890,282
TOYOTA BOSHOKU KABUSHIKI KAISHA 2,911,741
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,132
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,741
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,847
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,969,927
TRAN, LOAN PHUONG 2,965,368
TRANSLOGIC CORPORATION 2,826,946
TRAUTWEIN, MARK 2,783,513
TRESCO, KIMBERLY O. 2,771,045
TREVETHICK, SIMON RICHARD 2,965,368
TRIBOULET, ROBINSON 2,744,355
TSAN, ALISON 2,888,152
TSUBOI, YUICHI 2,856,201
TSUGAWA, DAI 2,990,141
TUCC TECHNOLOGY, LLC 2,771,045
TUNKEL, ROMAN 2,714,260
TURBOMECA 2,806,661
TURNER, DANIEL J. 2,756,784
TYCO HEALTHCARE GROUP LP 2,749,709
TYSON, CHRIS 2,865,253
TYVAERT, LOUISE 2,806,710
UCHINO, TOORU 2,886,799
ULLRICH, NORBERT 2,890,282
ULRICH, HANS THOMANN 2,682,758
UNAL, BESIM 2,848,072
UNDERBRINK, JAMES ROBERT 2,888,426
UNILEVER PLC 2,798,113
UNION TANK CAR COMPANY 2,725,064
UNITRACT SYRINGE PTY LTD 2,797,207
UNIVERSITE DE MONTPELLIER I 2,693,912
UNIVERSITE LILLE 2 2,806,710
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,806,710
UNIVERSITE RENE DESCARTES (PARIS V) 2,801,807
UNIVERSITY OF SOUTH FLORIDA 2,872,188
UNRUH, BILLY RUSS 2,829,150
UPTERGROVE, RONALD L. 2,804,011
URNOV, FYODOR 2,745,031
URSO, GIUSEPPE 2,763,298
USELIUS, PER 2,791,372
UYGAN, VIKTOR 2,932,281
VADDI, RAJESH 2,751,721
VALINGE INNOVATION AB 2,997,626
VANDERPUY, MICHAEL 2,702,022
VANDORP, JEFFREY 2,767,499
VANIER, NOEL R. 2,903,497
VANSTAAN, VALERY H. 2,936,199
VARNEY, BRIAN WILSON 2,798,094
VAYRON, PHILIPPE 2,802,161
VEDBRAT, KANWAL 2,800,831
VELECTA PARAMOUNT SAS 2,815,187
VELECTA PARAMOUNT SAS 2,815,961
VELTHAUS, KARL-OTTO 2,926,715
VERT, MICHEL 2,693,912
VESTEVICH, RENATA MARIE 2,794,919
VIAN, JOHN LYLE 2,936,385
VICKTORIUS, WINFRIED 2,976,683
VIDIR SOLUTIONS INC. 2,924,898
VIDIR SOLUTIONS INC. 2,930,841
VIGNE, SYLVIE 2,802,161
VIGUIE, JEAN-CHRISTOPHE 2,890,282
VIKEN, MICHAEL L. 2,906,777
VILLEMOES, LARS 2,924,915
VILLETTE, STEPHANE PIERRE 2,896,814
VITTORIAS, IAKOVOS 2,967,719
VOGT, SEBASTIAN 2,902,345
VOGT, SEBASTIAN 2,929,192
VOSS, JEFFREY W. 2,727,032
VOXX INTERNATIONAL CORPORATION 2,860,542
VULCAIN, JEAN-MARIE 2,811,808
W & H DENTALWERK BURMOOS GMBH 2,891,669
WAGGER, KLAUS 2,704,247
WAGNER, LORI L. 2,664,153
WAKARCHUK, WARREN 2,689,557
WAKI, KAZUTO 2,997,236
WALDMAN, JOEL 2,807,319
WALKER, BRYANT EDWARD 2,726,178
WALKER, ROBERT D. 2,819,404
WALLACE, GRIER A. 2,727,032
WALMART APOLLO, LLC 2,875,583
WALTERS, TOM 2,971,352
WALTON, ZACHARY W. 2,941,709
WANG, DONGHAI 2,903,497
WANG, LU 2,727,032
WANG, YE-KUI 2,867,024
WANG, YI 2,944,691
WARRASS, RALF 2,693,801
WASSMER, JEFFREY ALAN 2,848,676
WATANABE, DAISUKE 2,997,236
WATANABE, SHUICHI 2,878,735
WATELAIN, ANNIE 2,771,262
WATERS, DALE RICHARD 2,795,733
WATERS, GUY WILLIAM 2,965,368
WATERS, SUSAN MARIE 2,795,733
WATTERS, JEFFREY 2,934,364
WATTERS, LARRY 2,934,364
WAVREILLE, ANNE-SOPHIE 2,819,337
WEBER, DAVID A. 2,598,512
WEBER, KENT I. 2,749,471
WEBER, MANFRED C. 2,898,646
WECHSLER, MARK 2,597,782
WEHRSCHUETZ-SIGL, EVA 2,762,178
WEI, QIANG 2,920,054
WEI, SHUI-DONG 2,955,035
WEI, SHUI-DONG 2,955,182
WEINSTOCK, MICHAL 2,762,277
WEIR MINERALS AUSTRALIA LTD 2,859,417
WEITZNER, BARRY 2,942,277
WELL RESOURCES INC. 2,920,054
WELL RESOURCES LIMITED 2,874,258
WHITFIELD, JAMES ARTHUR, JR. 2,768,919
WHOLEY, JOSEPH SKEFFINGTON, III 2,801,573
WHW GROUP INC. 2,906,777
WIDJAJA, HERMAN 2,800,831
WIERMANS, MANDY MARIA JOZEFINA 2,795,894
WIGGINS, JAMES MICHAEL 2,924,859
WILES, ROBERT C. 2,695,174
WILKES, ROBERT PEYTON 2,790,419
WILKINSON, PAUL MICHAEL 2,837,141
WILLIAMS, DAVID J 2,702,022
WILLIAMS, GREGORY CHARLES 2,889,584
WILLIAMSON, BRIAN L. 2,762,277
WILLIS, ELIZABETH 2,689,557
WILMEN, ANDREAS 2,783,513
WILSON, BARRY 2,749,494

WILSON, DANIEL J.	2,803,877
WILSON, JAMES M.	2,915,124
WILSON, MATTHEW SHAWN	2,898,907
WILSON, STEPHEN JOHN	2,908,123
WILSON, STEPHEN L.	2,800,125
WILSON, TRACIE L.C.	2,872,063
WIMMER, STEFAN	2,891,669
WINKELMANN SP. Z O.O.	2,848,072
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,824,870
WISHART, NEIL	2,727,032
WISSINGER, RAYMOND G.	2,816,677
WITHERINGTON, JASON	2,779,423
WITSCHGER, MARK	2,779,346
WITTE, KENNETH G.	2,597,782
WOBBEN PROPERTIES GMBH	2,863,135
WOBBEN PROPERTIES GMBH	2,865,552
WOHLERS, CODY J.	2,828,242
WOLF, SIEGMUND	2,783,513
WOLFE, RICHARD S.	2,785,708
WOLLER, KEVIN R.	2,727,032
WOLTERS, MICHAEL	2,778,380
WOOD, MICHAEL	2,902,771
WOODIN, FREDERICK W., JR.	2,975,115
WOODWORTH, JOHN R.	2,990,849
WORLDVU SATELLITES LIMITED	2,983,497
WRIGHT, ERIC C.	2,999,836
WRIGHT, ERIC C.	2,999,837
WRIGHT, JOHN A.	2,682,758
WU, HSU-HSIANG	2,964,236
WU, JIANMING	2,944,691
WU, WEI	2,802,164
WYSS, HEINZ	2,761,123
XIAO, XIAO	2,864,923
XU, CHUNMING	2,920,054
XU, HUA	2,902,445
XU, JUN	2,865,253
XU, YANJIE	2,771,409
XU, ZHIMING	2,920,054
XYLECO, INC.	2,948,688
YAMADA, SHINICHIRO	2,856,201
YAMADA, TAKESHI	2,973,456
YAMAGAMI, SHIGEHARU	2,990,141
YAMAGUCHI, TAKASHI	2,945,745
YAMAHA HATSUDOKI KABUSHIKI KAISHA	2,943,761
YAMAMOTO, KAZUO	2,911,847
YAMANAKA, TOMIO	2,911,132
YAN, LEI	2,926,715
YANG, ANTHONY AN-TAO	2,943,309
YANG, ANTHONY ANTAO	2,927,511
YANO, TETSUYA	2,982,693
YAO, GANG	2,744,784
YARI, TAKASHI	2,871,098
YE, XIANGNAN	2,908,351
YI, RAN	2,903,497
YONEDA, KEISUKE	2,945,745
YOO, YOUNG-MAN	2,820,198
YOSHIDA, NAOYA	2,979,641
YOSHIDA, SHINYA	2,766,250
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BATISTA, RUI NUNO 3,012,559
BAUERFEIND AG 3,012,897
BAUMLER, THOMAS K. 3,012,841
BAYER PHARMA AKTIENGESELLSCHAFT 3,012,890
BAYER PHARMA AKTIENGESELLSCHAFT 3,012,951
BAYER, MONTELL L. 3,012,467
BEANKO LLC 3,012,474
BEAULIEU INTERNATIONAL GROUP NV 2,973,428
BEAUMONT, MARTIN 3,012,530
BECK, DAVID A. 3,012,766
BECK, DAVID A. 3,012,840
BECK, GUILLAUME JULIEN 3,012,406
BECK, GUILLAUME JULIEN 3,012,715
BECK, WILLIAM 3,012,495
BECTON DICKINSON ROWA GERMANY GMBH 3,012,893
BEDARD, STEPHANE 3,012,492
BEDARD, STEPHANE 3,012,530
BEGIN-DROLET, ANDRE 3,012,392
BEHRENS, RANDALL DEAN 3,011,701
BEIJING INNOCARE PHARMA TECH CO., LTD. 3,012,882
BELYNTIC GMBH 3,012,950
BEN HAROUCHE, DAVID 3,012,308
BEN HENDA, NOAMEN 3,012,402
BEN-SHIMON, AVI 3,012,302
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC 3,012,462
BENTKOVSKI, YAKOV 3,012,578
BENYKHLEF, AISSA 3,012,715
BERENSHTEIN, EDUARD 3,012,582
BERGMAN, JOHAN 3,012,857
BERNAL-CASAS, DAVID 3,012,463
BERNHARD, NICOLAI 3,012,891

BETH ISRAEL DEACONESS MEDICAL CENTER 3,012,716
BEUGELING, JOHN 3,012,586
BHAT, ABHIJIT S. 3,012,960
BIERIE, WILLIAM K. 3,012,850
BIGOLIN, BARBARA 3,012,562
BIGOT, AURELIEN 3,012,901
BIGZ TECH INC. 3,012,521
BILJAX INC. 3,012,436
BILLEN, DENIS 3,012,589
BILODEAU, KATIA 3,012,492
BILSKY, MATTHEW 3,012,573
BINDSCHAEDLER, PASCAL 3,012,579
BIO-RAD INNOVATIONS 3,012,425
BIO-RAD LABORATORIES, INC. 3,012,425
BIOSE 3,012,557
BIOTECH INSTITUTE, LLC 3,012,599
BIOVERATIV THERAPEUTICS INC. 3,012,695
BIRKERT, THOMAS E. 3,012,757
BIT-BABIK, GIORGI G. 3,012,903
BIZARD, JEAN-CLAUDE 3,012,414
BLAIS, SOIZIC 3,012,726
BLANKENSHIP, YUFEI 3,012,857
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 3,012,873
BOCCIA, MASSIMILIANO 3,012,563
BOCKATECH LTD 3,012,552
BOCKING, CHRIS 3,012,552
BOHNO, AYAKO 3,012,976
BOIS, LUDOVIC 2,969,061
BOISVERT, DAVID 3,012,705
BOMBARDIER RECREATIONAL PRODUCTS INC. 3,012,961
BONNER, DANIEL 3,012,698
BONTE, PHILIPPE 3,012,639
BORJA, DAVID 3,012,450
BOS, BENJAMIN 3,012,539
BOS, BENJAMIN 3,012,713
BOSTON SCIENTIFIC SCIMED, INC. 3,012,456
BOWES, CHRISTOPHER J. 3,012,828
BOYD, RIC 3,012,831
BOYER, DOMINIQUE 3,012,639
BRAUN, FRANZ-JOSEF 3,012,579
BREEN, JOHN 3,012,467
BRENIZER, JOSHUA 3,012,709
BREWER, MICHAEL LOYD 3,012,429
BRICQ 3,012,895
BRIDGEMAN, JOHN 3,012,709
BROADLEAF CO., LTD. 3,012,974
BROCKE, NILS 3,012,899
BROTCHIE, JONATHAN MICHAEL 3,012,502
BROWKA, EDWARD 3,012,655
BROWN, DONALD 3,012,642
BROWN, KELVIN 3,012,389
BROWN, RODGER 3,012,495
BRUENKER, PETER 3,012,422
BRUIN, RONALD 3,012,413
BRUNDO, MARIA VIOLETTA 3,012,963
BRUNNER, CHARLES STEWART 3,012,707
BRUOT, CECILE 3,012,406
BUCHANAN, DANIEL 3,012,783
BURCON NUTRASCIENCE (MB) CORP. 3,012,532
BURGER, MARTIN 3,012,544
BURKE, EDMUND 3,012,891
BURKY, THOMAS EARL 3,012,627
BURNS, MARVIN D. 3,012,850
BYUN, SUNG BAE 3,012,435
C4X DISCOVERY LIMITED 3,012,408
CADIEUX, ED 3,012,420
CAMILLERI, DOMINIC 3,012,429
CAMP, JOHN HARRY 3,012,188
CAMPUS SAFETY PRODUCTS, LLC 3,012,632
CANADA PIPELINE ACCESSORIES, CO. LTD. 3,012,729
CANNY, MARELLA 3,012,861
CAPRIO, KENNETH M. 3,012,676
CARBONELL, JAIME G. 3,012,471
CARCELLER, ROSA 3,012,581
CARDWELL, MATTHEW 3,012,636
CAREFUSION 303, INC. 3,012,655
CARL ZEISS VISION INTERNATIONAL GMBH 3,012,763
CARLISLE FLUID TECHNOLOGIES, INC. 3,012,850
CARPENTER, BYRON 3,012,797
CATILLER, ROBERT 3,012,781
CEDAR, CHARLES EUGENE 3,012,677
CELLIER, DOMINIQUE 3,012,423
CENTANNI, MICHAEL A. 3,012,445
CENTRE FOR COMMERCIALIZATION OF REGENERATIVE MEDICINE 3,012,603
CENTRE NATIONAL D'ETUDES SPATIALES 3,012,884
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,012,416
CENTRIX INC. 3,012,854
CEZANNE, JUERGEN 3,012,448
CEZANNE, JUERGEN 3,012,481
CG DISCOVERY, INC. 3,012,703
CHA, YOUNG HO 3,012,480
CHAMBERS, LARRY DELYNN 3,012,596
CHAMBERS, OLIVER HENRY SHERSTON 3,012,707
CHAMPA, JEFFREY A. 3,012,836
CHAN, LESLEY 3,012,603
CHAN, SUNG YUN 3,012,757
CHAN, SUNG YUN 3,012,855
CHARLOT, REGIS 3,012,636
CHAVES, MARIA ANGEL GARCIA 3,012,398
CHEF LOW CAL FOODS INC. 3,012,401
CHEN, CHIN-LUNG 3,012,592
CHEN, HAIFENG 3,012,699
CHEN, HONGYU 3,012,452
CHEN, JHEWN-KUANG 3,012,592
CHEN, LANFEN 3,012,516
CHEN, SHUHUI 3,012,396
CHEN, XIANGYANG 3,012,882
CHEN, YI 3,012,849
CHENG, JIE 3,012,890
CHENG, JIE 3,012,951
CHEUNG, CHRISTINE 3,012,474
CHEVION, MORDECHAI 3,012,582
CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD. 3,012,396
CHIEN, WEI-JUNG 3,012,590
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,995,108
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,995,113
CHISTYAKOV, SERGEY 3,012,305
CHITAKA, HIROKI 3,012,969
CHOI, JONG MIN 3,012,435
CHOUINARD, HAL PIO 3,012,401
CHRIST, MARTIN 3,012,407
CIRIELLO, CHRISTOPHER JOHN 3,012,805
CIRIELLO, ROBERT JOSEPH 3,012,805
CJ CHEILJEDANG CORPORATION 3,012,435
CLARKE, PETER 3,012,552
CLEMENT CLARKE INTERNATIONAL LTD 3,012,413
CLEMENT, CAROLYN 3,012,440
CLOSED-UP JOINT-STOCK COMPANY DRIVE 3,001,425
CODY, THOMAS EDWARD KINGSBOROUGH 3,012,707
COGNITIVE SYSTEMS CORP. 3,012,393
COHEN, DANIEL 3,012,900
COHEN-TZEMACH, HANOCH 3,012,482
COINPLUG, INC. 3,012,311
COINPLUG, INC. 3,012,822
COINPLUG, INC. 3,012,823
COLLADO GIMBERT, ROSA MARIA 3,012,419
COLLIBEE, SCOTT EMILE 3,012,839
COLLINS, DAVID E., JR. 3,012,470
COLLINS, STEPHEN 3,012,450
COLPAERT, FILIP 3,012,556
CONDAIR GROUP AG 3,012,394
CONOCOPHILLIPS COMPANY 3,012,706
CONOCOPHILLIPS COMPANY 3,012,708
CONOCOPHILLIPS COMPANY 3,012,856
CONOCOPHILLIPS COMPANY 3,012,872
CONRADIE, RIAAN 3,012,475
CONSTELLIUM ISSOIRE 3,012,726
CONSTELLIUM ISSOIRE 3,012,956
CONTINENTAL STRUCTURAL PLASTICS, INC. 3,012,639
CONTINENTAL STRUCTURAL PLASTICS, INC. 3,012,642
COOPER, IAN 3,012,567
COOPER, IAN 3,012,569
COOPERATIE AVEBE U.A. 3,012,586
CORNU, JEREMY 3,012,414

CORRALES, JUAN ANTONIO MARCHAL 3,012,398
COTE, ANDRE 3,012,961
COVX TECHNOLOGIES IRELAND LIMITED 3,012,960
COX, CARL T. 3,012,606
CRAWFORD, GREGORY A. 3,012,467
CREMONESE, ROBERTO 3,012,563
CRENSHAW, KENNETH D. 3,012,687
CRICHTON, ANDRE 3,012,496
CRNOGORAC, MISLAV 3,012,096
CROASDALE-WOOD, REBECCA 3,012,422
CROKE, DEAN 3,012,724
CROOKS, DAVID ALAN 3,012,572
CRYOSTAR SAS 3,012,885
CURRAN, DONALD G. 3,012,458
CURTIN, DENNIS 3,012,694
CUSTER, ROBERT J. 3,012,462
CYTOKINETICS, INCORPORATED 3,012,839
CZAP RESEARCH AND DEVELOPMENT, LLC 3,012,837
CZAP, AL 3,012,837
CZEKAJ, STEVEN A. 3,012,673
D'ASTOLFO, LEROY E. 3,012,673
DA FONSECA BARBATTI, CARLA 3,012,956
DAABOUL, GEORGE 3,012,212
DABBOUS, RAPHAEL 3,012,792
DADASH ZADEH, MOHAMMAD REZA 3,012,835
DADASH ZADEH, MOHAMMAD REZA 3,012,838
DAEMO ENGINEERING CO., LTD. 3,012,981
DAHER, NAGY 3,012,831
DAHL, ESPEN 3,012,987
DAIMER, JOHANN 3,012,407
DAN RAZ LTD. 3,012,090
DAN RAZ LTD. 3,012,092
DANA-FARBER CANCER INSTITUTE, INC. 3,012,716
DANIEL, STEFFAN 3,012,442
DANIELS, DAVID 3,012,709
DANILOVIC, MILISAV 3,012,697
DAS, SARASIJ 3,012,835
DAS, SARASIJ 3,012,838
DE PALMA, MICHELE 3,012,574
DE VICENTE FIDALGO, JAVIER 3,012,832
DE VLIEGER, DIONYSIUS JACOBUS MARIA 3,012,411
DE VLIEGER, DIONYSIUS JACOBUS MARIA 3,012,412
DEANS, ROBERT J. 3,012,330
DECATO, ALFRED A. 3,012,842
DECAUX, STEPHANE 3,012,735
DECHERF, AGATHE 3,012,955
DEFENSIN THERAPEUTICS APS 3,012,711
DELRUE, OLIVIER 3,012,414
DEMUTH, PETER C. 3,012,764
DENALI THERAPEUTICS INC. 3,012,832
DENG, SHAOBO 3,012,648
DENG, XIANMING 3,012,516
DENG, YONGMING 3,012,866
DENG, YONGMING 3,012,871
DENG, YONGMING 3,012,877
DENSO CORPORATION 3,012,969
DEPUY SYNTHES PRODUCTS, INC. 3,012,442
DEPUY SYNTHES PRODUCTS, INC. 3,012,847
DERKACZ, PATRICK ROBERT 3,012,864
DERTINGER, STEPHAN 3,012,405
DETNET SOUTH AFRICA (PTY) LTD 3,012,496
DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT E.V. 3,012,551
DEVENPORT, MARTIN 3,012,466
DEVORET, MICHEL 3,012,853
DEVRIES, ROBERT 3,012,456
DIAMOND, DAVID 3,012,558
DIAMOND, JEAN 3,012,558
DIERKING, RYAN 3,012,467
DIETRICH, THORE 3,012,750
DIETZ, JOCHEN 3,012,579
DIEVART, REBECCA 3,012,425
DILLARD, WALTER S. 3,012,457
DISATNIK, GIL 3,012,646
DOBSON, JOHN C. 3,012,844
DOLLA, WILLIAM 3,012,450
DOMBEK, ALEXIS 3,012,406
DOMNICK, LAUREN 3,012,724
DONDERICI, BURKAY 3,012,597
DONEY, GEORGE DANIEL 3,012,608
DONG-IN ENTECH CO., LTD. 3,012,980
DONSANTE, ANTHONY 3,012,653
DOPPALAPUDI, VENKATA RAMANA 3,012,960
DORING, BJORN 3,012,551
DORVEAUX, ERIC 3,012,403
DOSEN, TODD GREGORY 3,012,677
DOU, GUANGPENG 3,012,906
DOW GLOBAL TECHNOLOGIES LLC 3,012,452
DOW GLOBAL TECHNOLOGIES LLC 3,012,454
DR MARK'S HYGENIE PTY LTD 3,012,867
DREVILLON, PIERRICK 3,012,955
DRFIRST.COM 3,012,605
DS SMITH DUCAPLAST 3,012,860
DU PREEZ, FRANCO BAUER 3,012,475
DU, CHUNYAN 3,012,396
DU, QIAN 3,012,906
DUCHARME, MARC 3,012,732
DUDAL, CLEMENT 3,012,884
DUDEK, GREGORY LEWIS 3,012,721
DUFFY, JAY DAVID 3,012,622
DUMITRU, CALIN DAN 3,012,196
DUNCTON, MATTHEW 3,012,702
DUNN, STEVEN BRYAN 3,012,757
DUONG, BAO 3,012,833
DUPLAIN, ERIC 3,012,530
DURAN, VIOLAINE 3,012,423
DUROCHER, DANIEL 3,012,861
DYNAMIC SHELTERS INC. 3,007,896
E I DU PONT DE NEMOURS AND COMPANY 3,012,685
EA PHARMA CO., LTD. 3,012,812
EARNEST, NICHOLAS, B. 3,012,441
EBY, JACKSON 3,012,764
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 3,012,574
EDMAN, MATTHEW NEAL 3,012,486
EDMUNDS, ANDREW 3,012,901
EDULJI, SMITA 3,012,411
EDWARDS LIFESCIENCES CORPORATION 3,012,482
EHRSTROM, JEAN-CHRISTOPHE 3,012,956
EIKEN KAGAKU KABUSHIKI KAISHA 3,012,815
EINAV, LEVI 3,012,428
EISENREICH, JAN 3,012,531
EISSLER, ELGIN E. 3,012,863
EITAN, ALECSANDER 3,012,865
EIZENBERGER, SHAY 3,012,302
EL QACEMI, MYRIEM 3,012,901
EL-TOUFAILI, FAISSAL-ALI 3,012,549
ELC MANAGEMENT LLC 3,012,099
ELC MANAGEMENT LLC 3,012,104
ELCHIK, MICHAEL E. 3,012,471
ELDRIDGE, COLDEN 3,012,707
ELEXINN 3,012,955
ELVERSSON, JESSICA 3,011,595
ELYPTA AB 3,012,418
EMBERTON, MARK 3,012,459
EMERSON, TOD D. 3,012,577
EMERTON, NEIL 3,012,572
EMORY UNIVERSITY 3,012,653
ENRICHMENT TECHNOLOGY COMPANY LTD. ZWEIGNIEDERLASSUNG DEUTSCHLAND 3,012,568
ENTREGA INC. 3,012,698
EPIROC ROCK DRILLS AKTIEBOLAG 3,012,564
ERDELYI, ADAM 3,012,889
ERICKSON, CARL 3,012,718
ESCALANTE, LAURENCE 3,012,736
ESCHRICH, BJORN 3,012,575
ESTRADA, ANTHONY A. 3,012,832
EVOLUTION ENGINEERING INC. 3,012,864
EWONIUK, AARON 3,012,489
EXCITING TECHNOLOGY, LLC 3,012,455
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,012,701
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,012,704
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,012,480
EZAKI, HIDEAKI 3,012,809
EZZEDDINE, IMAD 3,012,491

F. HOFFMANN-LA ROCHE AG 3,012,422
F. HOFFMANN-LA ROCHE AG 3,012,902
FALNES, MORTEN 3,012,987
FAN, FUQIN 3,012,516
FANG, XIAOHUA 3,012,859
FANGROW, THOMAS F. 3,012,733
FANTONI, MARIA ELENA 3,012,958
FANTONI, MARIA ELENA 3,012,959
FARAONE, ANTONIO 3,012,903
FARHAT, LAWRENCE 3,012,655
FARWELL, JAMES ALEXANDER 3,012,805
FAVIER, CHRISTINE 3,012,425
FELSEN, BELLA 3,012,482
FENG, JIANWEN A. 3,012,832
FENTRESS, JAMES 3,012,655
FERAUD, BENJAMIN 3,012,715
FERNALD, CHRIS 3,012,468
FERREIRA, LISA VIANA 3,012,698
FERRING B.V. 3,012,759
FIELD, BRADLEY JAMES 3,012,814
FIFE, KEITH G. 3,012,705
FIGLEY, CURTIS 3,012,428
FILICE, FRANK P. 3,012,708
FINAN, DANIEL 3,012,444
FINK, SHAWN 3,012,430
FINKE, MATTHIAS 3,012,575
FINN, MARK 3,012,495
FISHER CONTROLS INTERNATIONAL LLC 3,012,469
FIX, KATHLEEN A. 3,012,445
FLECK, ECKART 3,012,750
FLEET, CHARLES 3,012,571
FONSECA, GLEDISON 3,012,549
FORTUNE MFG. CO., LTD. 3,012,592
FOURNET, ARNAUD 3,012,723
FOURNIER, JEAN-JACQUES 3,012,723
FOX, BRIAN 3,012,832
FRAMERY OY 3,012,570
FRANCIS, EINSTEIN B. 3,012,436
FRANCISKOVICH, PHILLIP P. 3,012,445
FRATTI, GIOVANNI 3,012,563
FRAUNHOFER GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,012,404
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,012,547
FRED HUTCHINSON CANCER RESEARCH CENTER 3,012,827
FREEDMAN, DAVID S. 3,012,212
FRENKEN, EGBERT 3,012,948
FREY, DANIEL 3,012,580
FRIEHAUF, KYLE 3,012,706
FROHS, WILHELM 3,012,407
FROST, DANIEL ALEXANDER 3,012,566
FROST, HABIB 3,012,541
FRUNZIO, LUIGI 3,012,853
FUCHS, CAROLA 3,012,575
FUJII, ICHIROH 3,012,588
FUJIKURA LTD. 3,012,585
FUJITA, SUSUMU 3,012,094
FUJITA, SUSUMU 3,012,439
FUJITA, SUSUMU 3,012,591
FUJITA, SUSUMU 3,012,975
FUJIYAKUHIN CO., LTD. 3,012,957
FUKUDA, YUICHI 3,012,967
FUKUYAMA, SHIRO 3,012,508
FUMEX, LAURENT 3,012,905
FUNDACIO INSTITUT CATALA D'INVESTIGACIO QUIMICA (ICIQ) 3,012,554
FUNDACION TECNALIA RESEARCH & INNOVATION 3,012,949
FURIERI, LUCA 3,012,958
FURIERI, LUCA 3,012,959
FURRER, ANDRE 3,012,442
G&H DIVERSIFIED MANUFACTURING LP 3,012,852
GABRIEL, CLAUS 3,012,792
GABRIEL, CLAUS 3,012,952
GAIKWAD, ROHIT VILAS 3,012,554
GAMBOA HIGUERA, JUAN CAMILO 3,012,721
GAN, ZHAOBO 3,012,906
GANE, PATRICK A.C. 3,012,580
GAPONENKO, VADIM 3,012,820
GARARD, MARC 3,012,839
GARDINER, ELISABETH 3,012,196
GARDNER, COLIN ROBERT 3,012,698
GARMAN, STEPHANIE 3,012,460
GARNIER, BORIS 3,012,820
GATTO, FRANCESCO 3,012,418
GE OIL & GAS, INC. 3,012,830
GEBLINGER, DAFNA 3,012,299
GEDIN, PATRICE 3,012,406
GEDIN, PATRICE 3,012,715
GEHO, JEFFREY EDWARD 3,012,495
GEIGER, MARTINA 3,012,422
GEISS, RAYMOND 3,012,895
GELUPAS GMBH 3,012,748
GENERAL ELECTRIC COMPANY 3,012,834
GENERAL ELECTRIC COMPANY 3,012,835
GENERAL ELECTRIC COMPANY 3,012,838
GENERAL ELECTRIC TECHNOLOGY GMBH 3,012,751
GEODYNAMICS, INC. 3,004,273
GERECKE, THOMAS J. 3,012,467
GIBSON, MARK R. 3,012,706
GIESE, MATTHEW W. 3,012,599
GILBERT, BENOIT 3,012,492
GILERT, ARIEL 3,012,741
GILLBERG, PER-GORAN 3,011,595
GILLILAND, SEAN 3,012,848
GIRI, AWADUT GAJENDRA 3,012,560
GIRI, AWADUT GAJENDRA 3,012,624
GLAXOSMITHKLINE CONSUMER HEALTHCARE (UK) IP LIMITED 3,012,558
GLOEGE, THOMAS 3,012,763
GOLDBERG, JONATHAN 3,012,430
GOLDBY, ANNE 3,012,443
GOMEZ VERDEJO, GUILLERMO SEBASTIAN 3,012,503
GOODE, MARK G. 3,012,453
GOOGLE LLC 3,012,646
GOOTENBERG, JONATHAN S. 3,012,631
GOTO, TAKUYA 3,012,968
GPCP IP HOLDINGS LLC 3,012,766
GPCP IP HOLDINGS LLC 3,012,840
GRAHAM, KYLE F. 3,012,460
GRAMLICH, SIMON 3,012,792
GRAMLICH, SIMON 3,012,952
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,012,479
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,012,484
GREEN, BRENT E. 3,012,532
GREETHAM, PETER 3,012,598
GREISSER, MICHAEL 3,012,851
GRELET, MARC 3,012,403
GREY TECHNOLOGY LIMITED 3,012,731
GREY, NICHOLAS GERALD 3,012,731
GRIBKOV, DENIS 3,012,901
GROMADA, JESPER 3,012,693
GROVLEN, ASBJORN 3,012,857
GRST INTERNATIONAL LIMITED 3,009,357
GRUBER, ANDREW EVAN 3,012,446
GUALA, GIANNI 3,012,576
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 3,012,507
GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD. 3,012,866
GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD. 3,012,871
GUANGZHOU GUANGJU INTELLIGENT TECHNOLOGY CO., LTD. 3,012,877
GUARNERI, JOSEPH 3,012,679
GUERIN, CAMILLE JEAN-PIERRE 3,012,394
GUHA, PROBIR, KUMAR 3,012,639
GUNAWARDANA, VAGEESHA WARNAJITH LIYANA 3,012,589
GUO, DAYONG 3,012,693
GUO, XINYAN 3,012,508
GUO, YUGUO 3,012,863
GUSAROVA, VIKTORIA 3,012,693
GUSTAFSON, HEATHER 3,012,657
GUSTAFSSON, NILS OVE 3,011,595
GUSTAV KLAUKE GMBH 3,012,948
GUYOT, JEAN-CLAUDE 2,973,428
GYSAU, DETLEF 3,012,580

H2 ENGINEERING D.O.O. 3,012,563
HA, HENGXU 3,012,751
HABASHI, HISASHI 3,012,588
HAGGERTY, DENNIS J. 3,012,627
HAJJ, RODOLPHE 3,012,900
HAKANSSON, KARE 3,012,876
HALL, DAVID S. 3,012,691
HALLFORS, SAMU 3,012,570
HALLIBURTON ENERGY SERVICES, INC. 3,012,433
HALLIBURTON ENERGY SERVICES, INC. 3,012,434
HALLIBURTON ENERGY SERVICES, INC. 3,012,595
HALLIBURTON ENERGY SERVICES, INC. 3,012,596
HALLIBURTON ENERGY SERVICES, INC. 3,012,597
HALLIBURTON ENERGY SERVICES, INC. 3,012,627
HALLIBURTON ENERGY SERVICES, INC. 3,012,819
HALLIBURTON ENERGY SERVICES, INC. 3,012,987
HAMADA, MAKOTO 3,012,976
HAMAMATSU, MASANORI 3,012,809
HAMEL, ROSS 3,012,847
HAMILTON, DAVID 3,012,665
HAMM, DEANNA KOREEN 3,012,830
HAN, CHANGLIANG 2,995,108
HAN, GUANGJIE 3,012,645
HANKINS, STEVE 3,012,828
HANMI PHARM. CO., LTD. 3,012,982
HARA, YUICHI 3,012,973
HARDESTY, JOHN T. 3,004,273
HARMS, JURGEN 3,012,897
HARRIS, ROBERT ANDREW 3,012,864
HARVEY, IAN E. 3,012,182
HASENHINDL, CHRISTOPH 3,012,833
HASHIMOTO, KAZUHIRO 2,991,823
HATHERILL, MARK A. 3,012,757
HATTORI, MITSUTAKA 3,012,970
HAUGH, KEVIN 3,012,836
HAVERI, JANNE 3,012,570
HAWES, ERIC 3,012,908
HAWKINS, GEOFFREY 3,012,099
HAWKINS, GEOFFREY 3,012,104
HAY, RICHARD THOMAS 3,012,597
HAYASE, KEN 3,012,594
HAYASHI, MASATO 3,012,809
HAZAN, DROR 3,012,438
HE, HAIYING 3,012,396
HE, QINGWEN 3,012,467
HE, ZHIXIANG 3,012,516
HEADEN, STEVEN 3,012,468
HEBERT, SEBASTIEN 3,012,961
HECHT, GIL 3,012,308
HED, SAGI 3,012,646
HEDRICK, JOSEPH 3,012,465
HELDEBRANT, CHARLES 3,012,694
HELLENBRAND, CHRISTOPH 3,012,893
HENKEL AG & CO. KGAA 3,012,753
HENKEL IP & HOLDING GMBH 3,012,842
HENKEL IP & HOLDING GMBH 3,012,843
HENRY COMPANY, LLC 3,012,844
HENRY COMPANY, LLC 3,012,845
HEPTARES THERAPEUTICS LIMITED 3,012,797
HER, SUSAN 3,012,467
HERING, ALFRED G. 3,012,188
HERNANDEZ, ARTHUR S., SR. 3,012,473
HERST, ERNEST J. 3,012,452
HETTMANN, KAI MAX 3,012,580
HICKS, CLIFFORD L. 3,012,464
HIDDESSEN, AMY L. 3,012,680
HIETANIEMI, MATTI 3,012,581
HIGH, DONALD R. 3,012,670
HIGUCHI, CHOJIRO 3,006,708
HILL, MURRAY PHILIP 3,012,858
HILL, MURRAY PHILIP 3,012,862
HILTMANN, FRANK 3,012,407
HINDERER, CHRISTIAN 3,012,195
HIPRA SCIENTIFIC, S.L.U. 3,012,419
HIRAI, MAKOTO 3,012,968
HITCHINSON, BEN 3,012,820
HNATYSZYN, HARRY JAMES 3,012,657
HO, KAM PIU 3,009,357
HOBBIS, ANDREW JAMES 3,012,495
HOCH, LARRY E. 3,012,701
HODAK, ISABELLE 3,012,404
HOFFMANN, MARTIN 3,012,404
HOFFSTROM, BENJAMIN G. 3,012,827
HOGREL, JEAN- YVES 3,012,403
HOHAI UNIVERSITY, CHANGZHOU CAMPUS 3,012,645
HOJER-PEDERSEN, CHARLOTTE 3,012,759
HOLAN, KRISTINA HENKEL 3,012,433
HOLAN, KRISTINA HENKEL 3,012,434
HOLDEN, JENNIFER A. 3,012,606
HOLTSCLAW, JEREMY A. 3,012,433
HOLTSCLAW, JEREMY A. 3,012,434
HOMMA, MASAKAZU 3,012,967
HONG, JAY WU 3,012,311
HONG, JAY WU 3,012,822
HONG, JAY WU 3,012,823
HONMA, NOBUYUKI 3,012,816
HOPPER, JOHN L. 3,012,783
HOVERTER, NATHAN P. 3,012,680
HOWSON, PATRICK ALEXANDER 3,012,502
HSIA, ELIZABETH 3,012,465
HU, JUN 3,012,866
HU, JUN 3,012,871
HU, JUN 3,012,877
HUANG, CHIEN-LAN 3,012,493
HUANG, CHIN-TIEN 3,012,493
HUAWEI TECHNOLOGIES CO., LTD. 3,012,395
HUAWEI TECHNOLOGIES CO., LTD. 3,012,875
HUDSON, SARAH 3,012,960
HUIZENGA, PIETER 3,012,411
HUIZENGA, PIETER 3,012,412
HULME, ALLISON J. 3,012,459
HUNG, CI-JIE 3,012,592
HUNGER, ERICH 3,012,719
HUNGER, FABIAN 3,012,719
HUNGER, SEBASTIAN 3,012,719
HUNGERINK, GERALD W. 3,012,626
HUNTSMAN PETROCHEMICAL LLC 3,012,859
HUTABARAT, RENTA 3,012,718
ICAT LLC 3,012,781
ICHITSUBO, HIROKAZU 3,012,584
ICU MEDICAL, INC. 3,012,733
IHI CORPORATION 3,012,816
II-VI INCORPORATED 3,012,863
IIDA, KENJI 3,012,451
IMAI, SHUNTARO 3,012,970
IML INSTRUMENTA MECHANIK LABOR GMBH 3,012,719
IMM, PAUL 3,012,465
IMPOSSIBLE INCORPORATED LLC 3,012,573
IMPRESSVIEW INC. 3,012,491
INDUSTRIE BORLA S.P.A. 3,012,576
INFRATECH INDUSTRIES PTY LTD 3,012,555
INGRAM, ERIK 3,012,787
INNOMED S.A. 3,012,963
INNOVA PATENT GMBH 3,012,400
INOUE, TAKUYA 3,012,593
INSPIREMD, LTD. 3,012,438
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 3,012,894
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,012,874
INSTITUT RECHERCHE POUR LE DEVELOPPEMENT 3,012,874
INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES 3,012,863
INTELLIGENT MEDICAL OBJECTS, INC. 3,012,636
IP MED, INC. 3,012,477
ISAACS, ARI 3,012,477
ISAJI, MIZUKI 3,012,585
ISANHART, BOWDIE J. 3,012,188
ISCAR LTD. 3,012,305
ISCAR LTD. 3,012,308
ISHIDA, KOICHI 3,012,957
ISHIGAKI, TADASHI 3,012,405
ISLAM, MUHAMMAD NAZMUL 3,012,448
ISLAM, MUHAMMAD NAZMUL 3,012,481
ISTED, MATTHEW JAMES 3,012,731
ITO, SHIORI 3,012,451
ITO, TOMOAKI 3,012,451
ITO, YUJI 3,012,976
IWAI, HIROTO 3,012,967
IYER, NATASHA 3,012,495
JABBAL, GERTEJ SINGH 3,012,389
JABS, THORSTEN 3,012,437
JACKO, MICHAEL SCOT 3,012,755
JACOB, JULES 3,012,698

JACOBINE, ANTHONY F. 3,012,843
JACOBSON, NATAN HAIM 3,012,869
JAFFER, SHAMIRA 3,012,964
JAISWAL, SUPRIYA 3,012,825
JAMES, DANIEL 3,012,598
JANEZICH, ROBERT 3,012,677
JANICKI, PIOTR 3,012,824
JANSSEN BIOTECH, INC. 3,012,465
JANTZ, JOHN 3,012,698
JANUZZI, JAMES LOUIS JR. 3,012,192
JAPAN TOBACCO INC. 3,012,584
JAVAN ROSHTKHARI, MEHRSAN 3,012,721
JEANGUENAT, ANDRE 3,012,901
JENKINS, MARK 3,012,783
JENSEN, KENNETH 3,012,508
JENSEN, PER ROSENBERG 3,012,876
JERSEY, STEVEN T. 3,012,468
JESSOP, ISRAEL 3,012,849
JFE STEEL CORPORATION 3,012,447
JIN, GE 3,012,708
JIN, GE 3,012,856
JIN, GE 3,012,872
JIN, SHUHUA 3,012,842
JIN, YONG SUK 3,012,964
JODOIN, ROBERT 3,012,732
JOHNSON, ANDREW DAVID 3,012,966
JONES, BRIAN C. 3,012,468
JONES, DAFYD 3,012,471
JOO, JIN MOO 3,012,981
JOSHI, RAJAN LAXMAN 3,012,869
JOTOKU, MITSUTOSHI 3,012,970
JOUNG, JULIA 3,012,631
JOY GLOBAL UNDERGROUND MINING LLC 3,012,831
JUNAXO, INC. 3,012,502
JUNG, DONG CHUL 3,012,435
JUNG, IN SOO 3,012,980
JUNG, SUNG YOUB 3,012,982
JURICK, DANA M. 3,012,708
KAISER, JOSEPH ANTHONY, JR. 3,012,730
KALITA, NICHOLAS JOHN 3,012,730
KALWA, NORBERT 3,012,550
KAMIKUBO, TAKASHI 3,012,839
KANE, DAVID 3,012,760
KANG, YONG SUN SIMON 3,012,757
KANOJIA, CHAITANYA 3,012,727
KANOJIA, CHAITANYA 3,012,730
KANTER, ANDREW 3,012,636
KAPLAN, NIMROD 3,012,578
KARCZEWICZ, MARTA 3,012,590
KARDIATONOS, INC. 3,012,985
KARL DUNGS GMBH & CO. KG 3,012,539
KARL DUNGS GMBH & CO. KG 3,012,713
KARL DUNGS GMBH & CO. KG 3,012,881
KARPPI, ASKO 3,012,581
KASEDA, YOSHIYUKI 3,012,818
KASH, EDWARD CANNOY 3,012,852
KASHANI, POORIA SHARIF 3,012,966
KATHOLIEKE UNIVERSITEIT LEUVEN 3,012,330
KATO, HIROSHIGE 3,012,957
KAWAMURA, MADOKA 3,012,976
KAWASAKI JUKOGYO KABUSHIKI KAISHA 3,012,809
KEATLEY, JUSTIN D. 3,012,626
KEECH, GEOFFREY W. 3,012,831
KEIRTON INC. 3,012,787
KELLER, THIERRY 3,012,949
KELLER, THORSTEN 3,012,750
KELLEY, RICHARD W., II 3,012,470
KEMIRA OYJ 3,012,581
KEMIRA OYJ 3,012,722
KENNEDY, DAVID ALLEN 3,012,830
KENT, ANDREW JOHN 3,012,731
KENT, DANIEL B. 3,012,844
KENYON, JULIAN 3,012,398
KERMER, CORNELIA 3,012,549
KERSTENS, PIETER J. 3,012,691
KHAMATNUROVA, TATYANA V. 3,012,433
KHAMATNUROVA, TATYANA V. 3,012,434
KILLEEN, NIGEL 3,012,833
KIM, CHOONG HO 3,012,978
KIM, CHOONG HO 3,012,979
KIM, DAE JIN 3,012,982
KIM, JUNG KUK 3,012,982
KIM, MOO KYUNG 3,012,980
KINSEY, SPENCER P. 3,012,679
KIRCHMAIR, MARTIN 3,012,432
KISAKA, YOSHIAKI 3,012,977
KIUCHI, TATSUTO 3,012,967
KIWISECURITY SOFTWARE GMBH 3,012,889
KIYOHARA, HIROSHI 3,012,839
KJARULFF, SOREN 3,012,711
KJELLBERG-STIFTUNG 3,012,899
KLEIN, CHRISTIAN 3,012,422
KLEIN, CHRISTOPH 3,012,404
KLEIN, JULIUS 3,012,949
KLEMZ, ROMAN 3,012,561
KLEYMAN, MERY 3,012,299
KNELSEN, PETER 3,012,495
KOBASHI, SEIICHI 3,012,957
KOBASHI, YOHEI 3,012,976
KOBAYASHI, KAORI 3,012,812
KOCHERT, KARL 3,012,890
KOCHERT, KARL 3,012,951
KOERBER, KARSTEN 3,012,579
KOHATSU, MARINA 2,988,216
KOHN, GARY ALLEN 3,012,819
KOJIMA INDUSTRIES CORPORATION 3,012,817
KOJIMA INDUSTRIES CORPORATION 3,012,821
KOJIMA, KATSUMI 3,012,447
KOKIDO, FUMIHIKO 3,012,451
KOMATSU LTD. 2,991,823
KONERMANN, SILVANA 3,012,631
KOONIN, EUGENE 3,012,631
KOPP, BARBARA J. 3,012,453
KOPP, TORSTEN 3,012,550
KORSTEN, HANS G. 3,012,704
KOSZINOWSKI, ULRICH 3,012,409
KOZARSKY, KAREN 3,012,653
KRAMER CONSULTING LIMITED 3,012,717
KRAMER, ANGELA LAURA 3,012,717
KRAUS, KLEMENS 3,012,889
KRAUSE, MICHAEL 3,012,763
KREEL, NATHANIEL E. 3,012,508
KRISHNAN, RAMKUMAR 3,012,430
KRUEGER, KYLE R. 3,012,708
KRUEGER, KYLE R. 3,012,856
KRUEGER, KYLE R. 3,012,872
KRUGER, JOHANNES PETRUS 3,012,496
KUBICA, NEIL 3,012,700
KUFE, DONALD 3,012,716
KUGLER, CHAD 3,012,709
KUHNS, DAVID W. 3,012,684
KUJIME, YASUNORI 3,012,809
KULKARNI, SANTOSH S. 3,012,560
KULKARNI, SANTOSH S. 3,012,624
KUMAR, AMIT 3,012,429
KUMAR, SATISH 3,012,553
KUO, BRADEN 3,012,698
KURO-O, MAKOTO 3,012,873
KURTZ, TINA M. 3,012,460
KWON, SE CHANG 3,012,982
KYOWA HAKKO KIRIN CO., LTD. 3,012,967
L & M RADIATOR, INC. 3,012,677
L.J. STAR INCORPORATED 3,012,488
LABERGE, NICOLAS 3,012,961
LAFFEY, FAN GAO 3,012,820
LANDENSACK, AUGUST 3,012,642
LANDER, ERIC S. 3,012,631
LANDMARK GRAPHICS CORPORATION 3,012,429
LANE, STEVEN B. 3,012,470
LANG, MARTIN 3,012,539
LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN 3,012,411
LANGE, MARCUS 3,012,826
LANGELLA, PHILIPPE 3,012,894
LANGER, SIMONA 3,012,409
LANGEWALD, JUERGEN 3,012,579
LANGFORD, KATHERINE 3,012,740
LAPORTE, CHRISTOPHE 3,012,580
LAPPE, CHRISTIAN 3,012,763
LAROUCHE, BENOIT 3,012,732
LARSEN, SCOTT 3,012,442
LARSEN, SCOTT 3,012,847
LAURENZI, BRENDAN 3,012,679
LE GOUIC, BENJAMIN 3,012,416
LEBLANC, DAVID 3,012,984
LEBOFSKY, RONALD 3,012,425
LECOMTE, JEREMIE 3,012,547
LEDOUX, FRANCOIS 3,012,556
LEE, AGNES YENA 3,012,855
LEE, DAMIAN 3,012,707
LEE, JIN HYUNG 3,012,463
LEE, KYEONG DONG 3,012,980
LEE, TERRY 3,012,495
LEHMAN, DONALD 3,012,727

LEHTOVIRTA, VESA 3,012,402
LEIER, JOHN J. 3,012,470
LETTERMANN, MARC 3,012,752
LEMAY, JEAN 3,012,392
LEMOINE, JULIE 3,012,406
LEONARD, ERICH 3,012,598
LESLIE, ANDREW 3,012,797
LESLIE, COLIN PHILIP 3,012,832
LESSARD, LOUIS P. 3,012,508
LEU, JOCELYN 3,012,465
LEUNG, HING YIU 3,012,810
LEVERETT, CAROLYN A. 3,012,960
LEVI, TAMIR S. 3,012,482
LEVIT, NATALIA V. 3,012,685
LEWIS, MARK ANTHONY 3,012,599
LI, ADRIENNE 3,012,764
LI, AOHAN 3,012,645
LI, CHAOJUN 3,012,875
LI, DONGMING 3,012,453
LI, FANGHUA 3,012,906
LI, JUNYI 3,012,448
LI, JUNYI 3,012,481
LI, MING 3,012,508
LI, PENG 3,012,396
LI, XIAOMING 3,012,863
LIEBERT CORPORATION 3,012,096
LIEBMANN, BURGHARD 3,012,437
LIFECELL CORPORATION 3,012,849
LIFEQ GLOBAL LIMITED 3,012,475
LILLANDT, MARCUS 3,012,722
LILLICRAP, ADAM 3,012,740
LIN, XINGQIN 3,012,857
LIN, ZHENWU 3,012,478
LINDBERG, NILS-OLOF 3,011,595
LINDLAND, FRODE 3,012,987
LIPOWSKI, JOSEPH THADDEUS 3,012,727
LIPOWSKI, JOSEPH THADDEUS 3,012,730
LIPTAK, LEONARD A. 3,012,684
LIU, CANCAN 2,995,113
LIU, DEPING 3,012,395
LIU, JIAN 3,012,450
LIU, LI 3,012,890
LIU, LI 3,012,951
LIU, PING 3,012,866
LIU, PING 3,012,871
LIU, PING 3,012,877
LIU, TONGYAO 3,012,695
LIU, YANG 3,012,466
LIWICKI, GEMMA 3,012,443
LLAURO, MATHIEU 3,012,884
LLEWELLYN, CLINTON EDWARD 3,012,188
LLOP, COSME 3,012,454
LOGAN, AARON WILLIAM 3,012,864
LOGAN, JUSTIN CHRISTOPHER 3,012,864
LONG, JIAN 3,012,507
LOVELAND, BRIAN SCOTT 3,012,727
LU, PU-PING 3,012,839
LU, ZHENWEI 3,012,395
LUGG, PETER A. 3,012,831
LUKASIEWICZ, STANISLAW A. 3,007,896
LUNDIN, TOM 3,012,722
LUO, CHUN 3,012,703
LUO, TAO 3,012,448
LUO, ZHI 3,012,396
LUTTUN, AERNOUT 3,012,330
LYONDELL CHEMICAL TECHNOLOGY, L.P. 3,012,461
LYONS, AMANDA 3,012,567
LYONS, AMANDA 3,012,569
LYSSIKATOS, JOSEPH P. 3,012,832
MA, SHA 3,012,875
MACCORMACK, ALAN 3,012,848
MACE, DANIEL RICHARD 3,012,572
MACHER, FRANK 3,012,642
MACK, STEPHEN 3,012,443
MACREBUR LIMITED 3,012,427
MAGARET, CRAIG AGAMEMNON 3,012,192
MAGNA INTERNATIONAL INC. 3,012,712
MAK, SIU WAI JACKY 3,012,490
MAK, SIU WAI JACKY 3,012,734
MAKAROVA, KIRA S. 3,012,631
MAKHLIN, DIMA 3,012,305
MALDONADO, JOSE 3,012,636
MALETSKIY, STANISLAV VLADIMIROVICH 3,001,425
MALFATTI, MARCO 3,012,562
MALIK, FADY 3,012,839
MALTAIS-LAROUCHE, EMILE 3,012,961
MANIWA, NOBUYUKI 3,012,818
MANKU, TAJINDER 3,012,393
MANNKIND CORPORATION 3,012,679
MANRIQUE, ANTONIO 3,012,454
MANSIKKAMAKI, JANNE 3,012,426
MARIAN, MARCO 3,012,958
MARIAN, MARCO 3,012,959
MARKO, SHANE 3,012,487
MARSHALL, LEWIS A. 3,012,680
MARTIN, BARRIE 3,012,408
MARX, DOMINIC 3,012,713
MASHERAH, JASON 3,012,652
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,012,631
MASSEGLIA, THIERRY 3,012,905
MATHO, MICHAEL H. 3,012,196
MATORIC, IVAN 3,012,096
MATSUI, TOMOKO 3,012,508
MATSUMOTO, KOJI 3,012,957
MATSUSHIMA, YUJI 3,012,839
MATUSEK, FLORIAN 3,012,889
MAYEUR, LOIC 3,012,399
MCCARTNEY, TOBY 3,012,427
MCCLAIN, ELIZABETH 3,012,577
MCCLURE, TRAVIS 3,012,854
MCINALLY, GERALD 3,012,738
MCKINNON, AMOS 3,012,728
MCLAUGHLIN, BRYAN 3,012,598
MCLEOD, GAVIN 3,012,389
MCLURE, KEVIN G. 3,012,718
MCMANAMON, PAUL F. 3,012,455
MEDITOPE BIOSCIENCES, INC. 3,012,196
MEDIWOUND LTD. 3,012,299
MEIER, THOMAS 3,012,792
MEIER, THOMAS 3,012,952
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,012,649
MERCK PATENT GMBH 3,012,405
MEUNIER, JOHANN 3,012,415
MICHAEL, LACHLAN BRUCE 3,012,725
MICK, STEPHEN LEE 3,012,495
MICRO MOTION, INC. 3,012,587
MIDEA GROUP CO., LTD. 3,012,507
MIHARA, KAYOKO 3,012,839
MILLER, DYLAN 3,012,489
MILLERIOUX, JEAN-PIERRE 3,012,884
MINAKHIN, LEONID 3,012,631
MINER ENTERPRISES, INC. 3,012,441
MISHINA, YOHEI 3,012,094
MISHINA, YOHEI 3,012,439
MISHINA, YOHEI 3,012,591
MISHINA, YOHEI 3,012,975
MITSUBISHI HEAVY INDUSTRIES, LTD. 3,012,968
MITSUI CHEMICALS, INC. 3,006,708
MITSUI CHEMICALS, INC. 3,012,451
MIURA, MASANORI 3,012,839
MOE, ORSON W. 3,012,873
MOFFAT, JASON 3,012,720
MOGHTADERI, BEHDAD 3,012,555
MOHAMMAD ARIF, MIRZA 3,012,745
MOLITOR, MARK 3,012,626
MOLONEY, LINDSAY 3,012,870
MONDIERE, REGIS JEAN GEORGES 3,012,901
MOONEY, DAVID J. 3,012,602
MORAN, MARK J. 3,012,470
MORAUX, AMELIE 3,012,403
MORENCY, SYLVAIN-PAUL 3,012,732
MORENO, CARLOS ALBERTO 3,012,819
MORGAN, AARON PATRICK 3,012,677
MORGAN, BRADLEY PAUL 3,012,839
MORITA KEISUKE 3,012,821
MORITA, KEISUKE 3,012,817
MORITZHUBER, JOHANNES 3,012,400
MORIYA, SHIZUKA 3,012,585
MORRIS, TIMOTHY J. 3,012,458
MOSHER, CHARLES C. 3,012,708
MOSHER, CHARLES C. 3,012,872
MOTOROLA SOLUTIONS, INC. 3,012,903
MOTTE, EMMANUEL 3,012,735
MOULLE-BERTEAUX, ALEX 3,012,727
MOUSCADET, JEAN FRANCOIS 3,012,425
MUNCHKIN, INC. 3,012,757
MUNCHKIN, INC. 3,012,855
MUNICIPAL PARKING SERVICES, INC. 3,012,470
MURAI, HIROMICHI 2,988,216
MURE, CLIFF R. 3,012,453
MURPHY, ANDREW J. 3,012,693
NABIROTCHKIN, SERGUEI 3,012,900
NABOULET, PATRICK 3,012,895

NADEN, MARK 3,012,430
NAKAI, KAZUOKI 3,012,451
NAKAJIMA, HIKARU 3,012,962
NAKAMURA HIROYUKI 3,012,821
NAKAMURA, MASANORI 3,012,977
NAKAYAMA, YUJI 3,012,962
NAKAZAWA, YOSHIAKI 3,012,174
NANASAKI, YUSUKE 3,012,584
NANOVIEW DIAGNOSTICS INC. 3,012,212
NANT HOLDINGS IP, LLC 3,012,472
NANTCELL, INC. 3,012,472
NANTENERGY, INC. 3,012,430
NASSIF, RABIH 3,012,828
NAVABI, AARASH 3,012,488
NEHME, RONY 3,012,797
NEILSON, BRADLEY M. 3,012,831
NELMS, DAVID M. 3,012,460
NEURESCUE APS 3,012,541
NEW YORK AIR BRAKE LLC 3,012,598
NEWCOMBE, GUY CHARLES FERNLEY 3,012,572
NIAZI, KAYVAN 3,012,472
NIELSEN, JENS 3,012,418
NIELSEN, JOHN CARSTEN 3,012,479
NIELSEN, JOHN CARSTEN 3,012,484
NIETO, JESUS 3,012,454
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,012,174
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,012,808
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,012,818
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,012,970
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,012,977
NIR, NOAM 3,012,482
NISHIHARA, EIJI 3,012,405
NISSAN MOTOR CO., LTD. 3,012,094
NISSAN MOTOR CO., LTD. 3,012,439
NISSAN MOTOR CO., LTD. 3,012,591
NISSAN MOTOR CO., LTD. 3,012,735
NISSAN MOTOR CO., LTD. 3,012,975
NIVA 3,012,740
NIVOLIEZ, ADRIEN 3,012,557
NIWA, TOSHIYUKI 3,012,818
NOBEL BIOCARE SERVICES AG 3,012,891
NORDKILD, PETER 3,012,711
NORRIS, MICHAEL W. 3,012,480
NORTHAM, PAUL R. 3,012,457
NOUCHI, HIROYUKI 3,012,977
NOURI, DANA W. 3,012,704
NOVAK, MICHAEL G. 3,012,841
NOVARTIS AG 3,012,450
NOVARTIS AG 3,012,965
NOVARTIS AG 3,012,966
NOVELIS INC. 3,012,495
NOVOZYMES A/S 3,012,508
NOWOTNIK, DAVID PETER 3,012,694
NTT ELECTRONICS CORPORATION 3,012,977
NYSTED, MORTEN 3,012,534
O'BRIEN, DONAL 3,012,397
OBERMOLLER, NILS 3,012,539
OBERMOLLER, NILS 3,012,713
OBERMOLLER, NILS 3,012,881
OFEK, NISSIM 3,012,853
OFIR, RACHEL 3,012,741
OGAWA, RYOHEI 3,006,708
OHE, MUNEMICHI 3,012,839
OHMI, KOUTOKU 3,012,405
OHNO, TATSUYA 3,012,809
OKURA, HIROSHI 3,012,405
OKUZUMI, TATSUYA 3,012,812
OLIVIER, LAURENCE RICHARD 3,012,475
OLWAGE, PHILLIP 3,012,496
OMNITRACS, LLC 3,012,724
OMNITRACS, LLC 3,012,836
OMYA INTERNATIONAL AG 3,012,580
ONCOIMMUNE, INC. 3,012,466
ONUMA, YASUHARU 3,012,977
OOKA, AKIRA 3,012,974
OPHIR, ATAI 3,012,428
ORCHARD YARN AND THREAD COMPANY 3,012,440
OREN, MOSHE 3,012,302
ORYZA OIL & FAT CHEMICAL CO.,LTD. 2,988,216
OSALAND, ESPEN 3,012,742
OSATO, KEN 3,012,585
OSTERMANN, RAINER 3,012,792
OSTERMANN, RAINER 3,012,952
OTSUKA, KENICHIRO 3,012,174
OTTINGER, OSWIN 3,012,407
OURY, SIMON 3,012,885
OYAMA, KATSUICHI 3,012,977
PACE, TREVOR 3,012,393
PALINKAS, RAYMOND W. 3,012,728
PALLA VENKATA, CHANDRA SEKHAR 3,012,433
PALLA VENKATA, CHANDRA SEKHAR 3,012,434
PAN, GUOHUA 3,012,720
PANDIAN, UMARANI 3,012,470
PANG, YUCHENG 3,012,882
PANPAC ENGINEERING A/S 3,012,534
PAPADHIMITRI, XHOAN 3,012,958
PAPADHIMITRI, XHOAN 3,012,959
PAPAFAGOS, JAMES C. 3,012,761
PARI PHARMA GMBH 3,012,575
PARK, JONG EUN 3,012,822
PARK, JUNG GYU 3,012,435
PARK, SANGWOOK 3,012,849
PARK, SEUNG WON 3,012,435
PARR, WILLIAM C.H. 3,012,390
PASTERNAK, NICOLAS 3,012,884
PASTOR, JOHANNE 3,012,873
PATEL, JIGAR 3,012,422
PATKAR, SHAILESH 3,012,863
PAWLOWSKI, ROBERT J., JR. 3,012,471
PAWLUS, ALISON 3,012,099
PAWLUS, ALISON 3,012,104
PAXSON, BETHANY 3,012,465
PELINI, CLAIRE 2,969,286
PELTIER, JORDANE 3,012,406
PENA, CAROL 3,012,890
PENA, CAROL 3,012,951
PENG, WEI 3,012,508
PEPSICO, INC. 3,012,468
PERAN, MACARENA 3,012,398
PERKINS, MICHAEL C. 3,012,606
PEROXYCHEM LLC 3,012,476
PERRY, JOEL 3,012,949
PERRY, KYLE 3,012,829
PETERSON, DEAN 3,012,709
PETERSON, ROBERT JOHN 3,012,622
PETIT, ROBERT 3,012,829
PETTER, RUSSELL C. 3,012,700
PFEFFER, KATHARINA 3,012,402
PFISTER, NIKI 3,012,891
PFIZER INC. 3,012,960
PHARNEXT 3,012,900
PHILIP MORRIS PRODUCTS S.A. 3,012,420
PHILIP MORRIS PRODUCTS S.A. 3,012,421
PHILIP MORRIS PRODUCTS S.A. 3,012,559
PHILIP MORRIS PRODUCTS S.A. 3,012,565
PHILIP MORRIS PRODUCTS S.A. 3,012,714
PHILIP MORRIS PRODUCTS S.A. 3,012,739
PHILIP MORRIS PRODUCTS S.A. 3,012,760
PHILLIP MORRIS PRODUCTS S.A. 3,012,908
PIERRE FABRE DERMO-COSMETIQUE 3,012,423
PILKINGTON, ANDREW J. 3,012,462
PILLA, NICHOLAS 3,012,698
PIRON, CAMERON ANTHONY 3,012,490
PISANOVA, ELENA 3,012,476
PITTERNA, THOMAS 3,012,901
PLAKOTARIS, STEPHEN 3,012,867
PLASMA TECHNOLOGIES, LLC 3,012,694
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 3,012,544
PLURISTEM LTD. 3,012,741
POLARIS INDUSTRIES INC 3,012,487
POND, DANIEL TRACY 3,012,730
POSITEC POWER TOOLS (SUZHOU) CO., LTD. 3,012,879
POTTER, JAMES RICHARD 3,012,707
POWERBRACE CORPORATION 3,012,441
POZZAN, ALFONSO 3,012,832
PPC BROADBAND, INC. 3,012,728
PRALONG, ANTOINE JEAN WILLY 3,012,495
PRE LABS INC. 3,012,814
PREFORMED LINE PRODUCTS CO. 3,012,622

PREMIER COIL SOLUTIONS, INC. 3,011,701
PRENAFETA I AMARGOS, ANTONI 3,012,419
PRESBY PATENT TRUST 3,012,483
PRESBY PATENT TRUST 3,012,485
PRESBY, DAVID WILLIAM 3,012,483
PRESBY, DAVID WILLIAM 3,012,485
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,012,602
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,012,631
PREVENCIO, INC. 3,012,192
PRINCIOTTA, MICHAEL F. 3,012,829
PRINOTH S.P.A. 3,012,432
PROPANC PTY LTD 3,012,398
PROSOMNUS SLEEP TECHNOLOGIES, INC. 3,012,684
PRUVOST, JEREMY 3,012,416
PUHL, MICHAEL 3,012,410
PURIGEN BIOSYSTEMS, INC. 3,012,680
PUTCHA, SAI PHANEENDRA SRI HARSHA VISWANATH 3,012,670
QUALCOMM INCORPORATED 3,012,446
QUALCOMM INCORPORATED 3,012,448
QUALCOMM INCORPORATED 3,012,481
QUALCOMM INCORPORATED 3,012,590
QUALCOMM INCORPORATED 3,012,865
QUALCOMM INCORPORATED 3,012,869
QUALITY INTERVENTION TECHNOLOGY AS 3,012,604
QUANIMUS INC. 3,012,690
QUANTUM MATRIX SPA 3,012,503
QUARRY, ANTONY 3,012,891
QUATTROPANI, ANNA 3,012,560
QUATTROPANI, ANNA 3,012,624
QUICK CONNECTORS, INC. 3,012,577
QUINTAL, ROBERTO 3,012,495
QUIRING, CHRISTOPHE 3,012,425
RA, YONG-KUK 3,012,431
RAAB, SEBASTIAN 3,012,551
RABIZADEH, SHAHROOZ 3,012,472
RALVENIUS, WILLIAM 3,012,791
RANCIC, DENIS 3,012,096
RANDOLPH-HABECKER, JULIE 3,012,827
RASHKIN, LEE 3,012,485
RAUBER, TOBIAS 3,012,564
RAULAND-BORG CORPORATION 3,012,606
RAVAUD, ROMAIN 3,012,399
RAZ, AMIR 3,012,090
RAZ, AMIR 3,012,092
REA.DEEMING BEAUTY, INC. DBA BEAUTYBLENDER 3,012,449
RECO SURFACES LIMITED 3,012,571
RECYCA-PIPE OF AMERICA L.L.C. 3,012,188
REDX PHARMA PLC 3,012,567
REDX PHARMA PLC 3,012,569
REEVELL, TONY 3,012,565
REEVELL, TONY 3,012,714
REEVELL, TONY 3,012,739
REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD 3,012,389
REGENERON PHARMACEUTICALS, INC. 3,012,693
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,012,648
REGENXBIO INC. 3,012,653
REID, MALCOLM 3,012,740
REIMANN, JENS 3,012,551
REISCHL, HUBERT 3,012,568
REKOW, MATHEW NOEL 3,012,691
REMOT-BRIZION, AUDE 3,012,894
REN, DAKAI 3,012,452
RENGANATHAN, RAMPRASAD 3,012,724
RENTSCH, SAMUEL 3,012,580
RENZ, STEPHANIE 3,012,410
REYNES, CHRISTELLE 3,012,874
REZAI, TAHA 3,012,467
REZNIK, ALLA 3,012,494
RHYNE, RHONDA FAY 3,012,192
RICHMOND, MATTHEW TODD 3,012,632
RICHTER, FLORIAN 3,012,792
RICOH COMPANY, LTD. 3,012,588
RIDDELL, STANLEY R. 3,012,827
RIGBY, MARK 3,012,465
RIGEL PHARMACEUTICALS, INC. 3,012,702
RIGSHOSPITALET 3,012,876
RIUS, EMMANUEL 3,012,961
RIVERA-RIOS, AIXA MARIA 3,012,597
ROBSON, MICHAEL ANDREW 3,012,566
ROBSON, THOMAS STUART 3,012,566
RODENBURG, ANTHONIUS C. 3,012,984
RODRIGUES, FABIANO 2,969,061
RODRIGUES, FABIANO 2,969,063
ROESSLER, DENNIS E. 3,004,273
ROMAN, FRANCOIS J. 3,012,415
ROMANOV, YURIY IGOREVICH 3,001,425
ROSE, KLINT A. 3,012,680
ROSEN, MICHAEL 3,012,665
ROSENOW, CHARLES J. 3,012,841
ROSSIQUET, GILLES 2,969,061
ROSSIQUET, GILLES 2,969,063
ROTHBERG, JONATHAN M. 3,012,705
ROTTER, VARDA 3,012,302
ROVISON, JOHN M. 3,012,476
ROY, BAISHALI 3,012,708
ROY, BAISHALI 3,012,856
ROY, BAISHALI 3,012,872
RUAN, YIMIN 3,012,673
RUBE, STEVEN 3,012,636
RUD, JOSEPH P. 3,012,701
RUDOLF, DANIEL 3,012,551
RUEL, JEAN 3,012,392
RUN, SHANGLIANG 3,012,879
RUSCIO, DANI 3,012,559
RUSCONI, CHRISTOPHER P. 3,012,718
RUSHE, PETER 3,012,753
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,012,631
RUTHE-STEINSIEK, KAI 3,012,753
RUZSICS, ZSOLT 3,012,409
SADIQ, BILAL 3,012,448
SAEKI, RYOHEI 3,012,815
SAF-HOLLAND, INC. 3,012,626
SAFRAN TRANSMISSION SYSTEMS 3,012,406
SAFRAN TRANSMISSION SYSTEMS 3,012,715
SAIKAWA, FUMIAKI 3,012,451
SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN 2,969,061
SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN 2,969,063
SAINT-GOBAIN ISOVER 2,969,286
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 3,012,458
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 3,012,478
SAITO, TOMOYUKI 3,012,839
SAKAKURA, SHIGEKI 3,012,816
SAKATA, TOSHIYUKI 3,012,816
SAMPATH, ASHWIN 3,012,448
SANCHEZ, ROBERT JOSEPH, JR. 3,012,965
SANDEEP, KOSHY T. 3,012,602
SANDEROVICH, AMICHAI 3,012,865
SANDERS, MARK 3,012,413
SANT, JEROME 2,969,063
SANTIAGO, JUAN G. 3,012,680
SARASA BARRIO, MANUEL 3,012,417
SARFATI, PATRICE 3,012,425
SATO, IPPEI 3,012,839
SAWCHUK, DANIEL A. 3,012,729
SCANDINAVIAN PLASTIC TECHOLOGY APS 3,012,876
SCHANZER, JUERGEN MICHAEL 3,012,422
SCHEITLER, SEBASTIAN 3,012,404
SCHMIDT, ANDREAS 3,012,904
SCHMIDT, ANDREAS E.K. 3,012,904
SCHMIDT, MARCUS N. 3,012,470
SCHMIDT, RONALD 3,012,575
SCHMITT, RAINER 3,012,407
SCHNICK, MICHAEL 3,012,899
SCHOELKOPF, ROBERT J., III 3,012,853
SCHROF, WOLFGANG 3,012,792
SCHUSTER, ANNETTE 3,012,437
SCHUWEILER, BRIAN 3,012,826
SCHWEIZER, MARTIN 3,012,532
SCHWERDT, MARCO 3,012,551
SCHWOEBEL, WOLFGANG 3,012,902
SCIACCA, SALVATORE 3,012,963
SCICLUNA, PAUL V. 3,012,851
SCOTT, GUY 3,012,870
SEB S.A. 3,012,414
SEGALL, KEVIN I. 3,012,532

SEGURA, JOHN W. 3,012,464
SEITZ, OLIVER 3,012,950
SELIRIO, RAPH 3,012,729
SELIRIO, REGINALD 3,012,729
SELLARS, DAVID ANDRE 3,012,605
SELLE ROYAL S.P.A. 3,012,562
SELLMANN, OLGA 3,012,468
SEMENIUK, OLEKSII 3,012,494
SEMENOVA, EKATERINA 3,012,631
SENN, BRIAN A. 3,012,441
SERVAIS, LAURENT 3,012,403
SEVERINOV, KONSTANTIN 3,012,631
SGL CFL CE GMBH 3,012,407
SHAH, KALPIT 3,012,555
SHAH, MRINAL 3,012,849
SHAH, SMITA 3,012,843
SHAKIRA LIMITED 3,012,397
SHANDONG BAILONG CHUANGYUAN BIO-TECH CO., LTD 3,012,906
SHAO, XIANBAO 3,012,906
SHAPIRO, RACHEL 3,012,698
SHARKNINJA OPERATING LLC 3,012,707
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,012,411
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,012,412
SHELTERED WINGS, INC. D/B/A VORTEX OPTICS 3,012,665
SHEN, PEIHUA 3,009,357
SHIINA, YASUHIRO 3,012,839
SHIMODA, HIROSHI 2,988,216
SHIRAKAMI, SATOSHI 3,012,174
SHIVANAND, PADMAJA 3,012,698
SHIVERS, SHAWN 3,011,701
SHMAKOV, SERGEY 3,012,631
SHOKRI RAZAGHI, HAZHIR 3,012,857
SHRAGA HELED, NIVA 3,012,741
SHUEY, PAUL 3,012,677
SICHERI, FRANK 3,012,861
SICO INCORPORATED 3,012,486
SIDHU, SACHDEV 3,012,720
SIDHU, SACHDEV 3,012,861
SIDHU, SACHDEV S. 3,012,873
SIDHU, TARLOCHAN 3,012,834
SIDHU, TARLOCHAN 3,012,835
SIDHU, TARLOCHAN 3,012,838
SIEGEL, WOLFGANG 3,012,410
SIEMENS CANADA LIMITED 3,012,317
SIEPE, ISABELLA 3,012,437
SIGMATHERA SAS 3,012,415
SIGNIFI SOLUTIONS INC. 3,012,964
SILVA, REA ANN 3,012,449
SILVERTHREAD, INC. 3,012,848
SIMON, CHRISTIAN 3,012,732
SINAI HEALTH SYSTEM 3,012,861
SINGH, JASWINDER PAL 3,012,712
SINGH, RAHUL 3,012,393
SINGH, RAJINDER 3,012,702
SINGH, SUDARSHAN 3,012,450
SIOMINA, IANA 3,012,953
SIRION BIOTECH GMBH 3,012,409
SITKA, MARK ANTHONY 3,012,596
SJOGREN, HELEN ULRIKA 3,012,759
SJOQVIST PERSSON, EVA 3,012,314
SKOLKOVO INSTITUTE OF SCIENCE AND TECHNOLOGY (SKOLTECH) 3,012,631
SKRETTING, DANIEL 3,012,742
SMALLEY, BRIAN 3,012,479
SMITH, BARRY S. 3,012,420
SMUTNEY, CHAD C. 3,012,679
SNOWBARGER, JIMMIE LEE 3,012,469
SNUDDEN, THEODORE JOHN 3,012,572
SOLLBERGER, DAVID 3,012,891
SONG, JOO HAN 3,012,311
SONG, JOO HAN 3,012,823
SONG, XIAOMEI 3,012,452
SONY CORPORATION 3,012,725
SOOD, ANIL K. 3,012,696
SOON-SHIONG, PATRICK 3,012,472
SOONG, CHEE-LEONG 3,012,508
SOPHIRIS BIO INC. 3,012,459
SORENSEN, BJORN BRO 3,012,604
SPENCER, DAVID 3,012,413
SPIBER INC. 3,012,817
SPIBER INC. 3,012,821
SPORTLOGIQ INC. 3,012,721
SQUADRITO, MARIO LEONARDO 3,012,574
SRIDHAR, LAXMISHA 3,012,843
ST. GERMAIN, DAVID R. 3,012,458
STACK, LUKE ANTHONY 3,012,864
STARRY, INC. 3,012,727
STARRY, INC. 3,012,730
STEALTHCASE OY 3,012,426
STEIN, TAYLOR JUSTIN 3,012,595
STEINHART, ZACHARY 3,012,720
STIER, GERALD 3,012,897
STIMAC, TODD R. 3,012,097
STOKES, CHARLOTTE GIVERNY PAMELA JOY 3,012,572
STOLLER, ANDRE 3,012,901
STRAATMANS, TIM 3,012,710
STRATTON, DEREK 3,012,709
STRATTON, JOHN CHARLES 3,007,896
STROBECK, JOHN EDWARD 3,012,192
STUBENRAUCH, KAY-GUNNAR 3,012,422
STUCKE, BRENT 3,012,690
STUK, TIMOTHY LEE 3,012,589
STURM, ROBERT 3,012,826
STURTEVANT, DANIEL J. 3,012,848
SUBRAMANIAN, SANKARA 3,012,751
SUBRAMANIAN, SUNDAR 3,012,448
SUBRAMANIAN, SUNDAR 3,012,481
SUBRAMANYAM, CHAKRAPANI 3,012,960
SUGAHARA, JUNICHI 3,012,817
SUI, YUTAO 3,012,857
SUKHOVATKIN, VLAD 3,012,494
SUKURU, SAI CHETAN K. 3,012,960
SULLIVAN, ERIC 3,012,422
SULTANA, SHABNAM 3,012,402
SUMITOMO CHEMICAL COMPANY, LIMITED 3,012,593
SUNG, GWON JE 3,012,980
SUNG, KIM 3,012,684
SURE-SET GOLF LTD 3,012,566
SUTOR, STEPHAN 3,012,889
SUZUKI, TAMOTSU 3,012,812
SUZUKI, YASUHIRO 3,012,967
SWAN, HERBERT W. 3,012,856
SWAN, HERBERT W. 3,012,872
SWEENEY, ZACHARY K. 3,012,832
SWIDERSKI, BENJAMIN 3,012,652
SWISS KRONO TEC AG 3,012,550
SYMBOTIC CANADA, ULC 3,012,732
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,012,490
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,012,734
SYNGENTA PARTICIPATIONS AG 3,012,901
SYSNAV 3,012,403
TADA, MASAKI 3,012,447
TAISHO PHARMACEUTICAL CO., LTD. 3,012,976
TAKAMUKU, TOMOHIRO 3,012,977
TAKASAGO INTERNATIONAL CORPORATION 3,012,962
TAKATA, RYOUSUKE 3,012,970
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,012,443
TAKEDA, KAZUYA 3,012,809
TAKEI, KAZUHITO 3,012,977
TAKEUCHI, AYA 3,012,451
TAKEYAMA, SACHIO 3,012,968
TAL, PERRY 3,012,302
TALUCCI, KEVIN 3,012,489
TAMMINEN, MIKKO 3,012,570
TAN, SIYUAN 3,012,695
TANAKA, HIROAKI 3,012,839
TANAKA, HIROAKI 3,012,976
TANG, LAN 3,012,508
TARASOVA, NADYA 3,012,820
TATE, CHRISTOPHER GORDON 3,012,797
TEALL, MARTIN 3,012,443
TEBBE, MARK GERARD 3,012,757
TEBBE, MARK GERARD 3,012,855
TECTRAN MFG. INC. 3,012,676
TECTRAN MFG. INC. 3,012,761
TEH YOR CO., LTD. 3,012,493
TELEFLEX INNOVATIONS S.A.R.L. 3,012,709
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,012,402
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,012,857
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,012,953
TERRESTRIAL ENERGY INC. 3,012,984
TESSERACT HEALTH, INC. 3,012,705
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 3,012,696

THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY 3,012,463
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 3,012,820
THE BROAD INSTITUTE INC. 3,012,631
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,012,720
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,012,861
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,012,873
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3,012,195
THE UNITED STATES OF AMERICA, AS REPRESENTED BY, THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,012,631
THE UNIVERSITY OF MELBOURNE 3,012,783
THE UPPER DECK COMPANY 3,012,652
THIAUX, VICTORIEN 3,012,530
THIRION, CHRISTIAN 3,012,409
THIRUMALAI, VIJAYARAGHAVAN 3,012,869
THOMAS, ALAIN 3,012,884
THOMAS, MURIEL 3,012,894
THOMPSON, DEMETRIUS 3,012,334
THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY 3,012,826
THOMSON, PETER C. 3,012,394
THUNDER BAY REGIONAL HEALTH RESEARCH INSTITUTE 3,012,494
TIEGNA, HUGUETTE 3,012,399
TIMMINS, NICHOLAS 3,012,603
TOCCATA GAMING INTERNATIONAL, LLC 3,012,097
TODA, KAZUYA 2,988,216
TOITGANS, MARC-PHILIPPE 3,012,639
TOIVOLA, PEKKA 3,012,570
TOKUYAMA, KAZUMA 3,012,809
TOKUYAMA, RYUKO 3,012,957
TOMASEK, ADRIAN 3,012,547
TOMIZAWA, MASAHITO 3,012,977
TORQUE FITNESS, LLC 3,012,841
TORVINEN, VESA 3,012,402
TRAN, CHI T. 3,012,903
TRAN, PETER 3,012,698
TRIANNI, INC. 3,012,833
TSCHUMI, OTTO 3,012,564
TSUNODA, DAISUKE 3,012,816
TSURUGAYA, KOHEI 3,012,816
TUMEY, LAWRENCE N. 3,012,960
TUMI, INC. 3,012,851
TUNAC, JOSEFINO B. 3,012,985
TURA, ALI 3,012,708
TWENTIETH CENTURY FOX FILM CORPORATION 3,012,182
UCHIYAMA, HIROAKI 3,012,970
UDDEHOLMS AB 3,012,314
UEHARA, KEIJI 3,012,967
UEKI, TSUTOMU 3,012,808
UHR, JOON SUN 3,012,311
UHR, JOON SUN 3,012,822
UHR, JOON SUN 3,012,823
UMANA, PABLO 3,012,422
UMANSKY, BENJAMIN S. 3,012,704
UMETSU, KENJI 3,012,808
UNITEC S.P.A. 3,012,958
UNITEC S.P.A. 3,012,959
UNITED PARCEL SERVICE OF AMERICA, INC. 3,012,824
UNIVATION TECHNOLOGIES, LLC. 3,012,453
UNIVERSITAET REGENSBURG 3,012,404
UNIVERSITAT ZURICH 3,012,791
UNIVERSITE DE MONTPELLIER 3,012,874
UNIVERSITE DE NANTES 3,012,416
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